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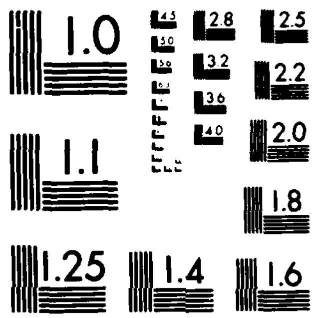

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USATSARCOM TECHNICAL REPORT 83-1

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HISTORICAL INFLATION PROGRAM

(A COMPUTER PROGRAM GENERATING HISTORICAL INFLATION INDICES FOR ARMY AIRCRAFT)

WARREN H. GILLE, JR.
JAMES R. HAMILTON

FINAL REPORT
MARCH 1983

U.S. ARMY TROOP SUPPORT
AND AVIATION MATERIEL
READINESS COMMAND
COMPTROLLER
COST ANALYSIS DIVISION
4300 GOODFELLOW BLVD.
ST. LOUIS, MISSOURI 63120

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report extends and revises Technical Report 82-2 which presents and describes the Historical Inflation Program, a computer program generating historical inflation indices for Army aircraft. The program can be updated monthly, is easily revised for changes in Bureau of Labor Statistics methods, and is capable of handling data for all fiscal year formats. Output is expressed as monthly, quarterly, Fiscal Year, and Calendar Year inflation indices (in Calendar Year 1967 base) and inflation factors (in Fiscal Year base). This report contains updated tables of inflation factors, expressed in a FY 82 base.

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20. ABSTRACT.

These indices and factors provide a means of adjusting historical cost data for the procurement of Army aircraft to constant year dollars. Additional features include: computations for the derivation of revised weighting factors, detailed indices enabling the adjustment of historical labor and material costs separately, a discussion of aggregate weighting factors for labor and materials (including trends from sensitivity analysis with more background materials), and additional documentation aimed at making the report useful to a large cross section of the DOD rotary wing aircraft community. This report has been revised to include the latest information concerning the UH-60A BLACK HAWK. This system has been integrated into the Historical Inflation Program for Army aircraft.

Accession For

A

ACKNOWLEDGEMENTS

The authors extend their appreciation to the Kansas City Regional Office of the Bureau of Labor Statistics, U.S. Department of Labor, for special assistance with wage and price data.

Credit is due Mr. John M. Barnett and Mr. H. Kevin Wille for supplying research material and data from their paper entitled UH-60A BLACK HAWK Aircraft System Peculiar Historical Inflation Indices.

Appreciation is extended to Mr. Bruce Powell, USATSARCOM DMIS, who provided the programming assistance required to introduce the UH-60A High-Technology aircraft into the Historical Inflation Program.

Mrs. Marva Campbell provided excellent clerical support in the revision of this paper.

DISCLAIMER STATEMENT

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TABLE OF CONTENTS

I. APPLICABILITY. The inflation indices and factors published in this report are applicable to the adjustment of historical costs for the procurement of Army aircraft. These costs are currently funded by the Aircraft Procurement, Army and Other Procurement, Army appropriations.

II. AN OVERVIEW OF THE HISTORICAL INFLATION PROGRAM

A. History

The Historical Inflation Program for Army aircraft procurement was developed using a series of documents, the first being Aerospace Price Indices, by H.G. Campbell,(December 1970). This document established a basis for the construction of general aircraft indices, identified items of special interest and concern, and demonstrated the importance of thorough analysis of material composition when constructing an historical index. Between 1973-1976, the United States Army Aviation Systems Command (USAAVSCOM) developed several indices for rotary wing aircraft, and since 1977 this function has been performed by the Components and Operational Studies Branch, Cost Analysis Division, Office of the Comptroller, USATSARCOM.

The current indices are based on research done in the period 1972 to date. In July 1973, the Office of the Comptroller, Cost Analysis Division, made a study of materials used in the Army helicopter systems then, or most recently, in production. Cost Information Reports were assembled, and contractors were asked to supply lists of materials for both airframe and engine, on the basis of contribution to weight. Contractor technical and engineering personnel provided assistance with data interpretation and definitions for items whose composition was unclear from engineering documents and Detailed Weight Statements. In January 1983, a special research study entitled UH-60A BLACK HAWK Aircraft System Peculiar Inflation Indices was written by

H. Kevin Wille and John M. Barnett (ref 9) and data from this study has been included in this report.

The following aircraft have been selected:

UH-1	OH-6	AH-1	UH-60A
CH-47	OH-58	CH-54	

This selection of aircraft is deemed typical for several reasons. First, the seven helicopter systems listed above make up over 90% of the U.S. Army's current helicopter fleet. Second, a number of these aircraft have been produced on a long term, continuous basis in numerous models. Third, they are among the systems most likely to be used in developing Cost Estimating Relationships for new systems by use of parametric techniques. And fourth, they include the new high technology UH-60A BLACK HAWK aircraft.

The September 1973 historical inflation cost research report, cited in the references, was the first report to make use of this type of information. It was updated by the August 1974 cost research report, and then by a series of expanded analyses under current title, Historical Inflation Program, since that time. A list of the assumptions and changes in methodology over the period referenced are included in the technical section of this report.

B. Construction of Indices - Methodology.

The indices are developed by a stepwise, building process, which computes the contributions to cost on a weighted, value-added basis.

1. First, the contribution to cost of small parts and other purchased equipment is calculated.

2. Next, the cost contribution of purchased parts is combined with that of raw materials to get the cost of purchased materials.

3. Cost of purchased materials is then combined with contractor labor cost to compute the index for components such as engine or airframe.

4. The indices for engine, airframe, and avionics are combined to get indices for aggregate aircraft.

C. Indexing Techniques.

The procedure used is "cost-weighting". The information obtained from the 1973 research entitled Material Composition of U.S. Army Helicopters established percentages based on weight. Because the indices used to track material costs are based on monetary considerations (e.g., Producer Price Index; Wages, by Standard Industrial Code), percentages by weight had to be transformed into percentage contributions to cost, if PPI and SIC inflation factors were to be applied directly. Based on the premise of profit maximization, contractors should tend to minimize the use of expensive materials subject to maintaining acceptable performance standards; essentially, materials with a high cost per unit weight ratio would be used sparingly. Adjusting a percentage based on weight using a monetary index would not only result in an improper index initially, but also one with diminishing reliability. The latter bias is avoided by calculating

the contribution to cost, instead of merely the contribution to weight.

D. Weighting Factors. Although the model is developed by an iterative, stepwise process, the revised weighting factors in the table at the end of Appendix B implicitly include all calculations. The index, as stated, is merely the direct sum of the products of the weights and their corresponding material index values. The development of weighting factors is illustrated in the Technical Section.

E. Data. The data used in the program are inputted in two different forms. Yearly data are presented by calendar year 1947 to date, and monthly data are presented for 1967 to date. The yearly data, pre 1958, are condensed into three columns; the data for 1958 and later are presented in an 18 column format (14 columns for material and 4 for labor). The data, their characterization, and any redefinition by the Bureau of Labor Statistics over the years, are tracked in line diagram C-2.

F. Validity and Firmness of Data.

The Producer Price Index and hourly wage data were supplied by the Kansas City Regional Office of the Bureau of Labor Statistics, U.S. Department of Labor. The data comes in three types of published format: (1) a cumulative history covering past years on a monthly basis,

(2) an annual publication (such as the Producer Prices and Price Index Annual Supplement) which lists the previous 12 months, and (3) monthly publications which list the most current month and several other months for comparison.

For data to be "firm" it must be at least 18 months old because it is benchmarked and adjusted after the fact. Only small samples are taken throughout the year. However, during one month, the benchmark month, a much more comprehensive sample is taken. Due to its significantly larger sample size, the benchmark month sample is felt to be more representative than those of other individual months. If the benchmark value diverges significantly from the pattern, the other months are adjusted proportionately to conform to its base as benchmark.

The data in a cumulative history publication is felt to be firm or "final". Basically, such publications provide a chronological listing of all firm data available for the past history of those indices. However, the data in these publications is usually 18 to 24 months behind the current period. The data for each month listed in the annual supplements is not necessarily firm because benchmarks occur during the calendar year, and at different times for different series. Adjustments may not have been made before the annual supplements are published. The data in the monthly publications are even less firm. In general, the Producer Price Index data are firm before the wage indices for the corresponding month, due to the fact that it is easier to define and measure price changes for commodities than for human skills.

G. Respecification of the Data Set

From time to time, the Bureau of Labor Statistics redefines labor and material codes to meet the changing needs of its clientele and to cope with a variety of sampling problems. Due to respecification or deletion of PPI codes by BLS, the data set used in the Historical Inflation Program must change. The changes since the last report are as follows:

OLD CODE AND TITLE	NEW CODE AND TITLE
10130262 Sheets, C.R. Carbon	10170711 Sheets,C.R. Carbon
10150153 Alloy Steel Forgings	10151351 Closed Die Forgings
10220111 Lead, Pig	10220127 Lead, Pig
1025013 Rod, Screw, Stock	10250141 Rod,Screw,Stock

The historical flow of the labor and material data from 1947 to date is illustrated by chart C-2, in appendix C.

H. Introduction of the UH-60A BLACK HAWK Aircraft

In October 1978, the first UH-60A Black Hawk helicopter was delivered to the U.S. Army. With development of the Black Hawk, an era of high technology was introduced into the construction of Army aircraft. The airframe and T700 engine of the Black Hawk embody significant technological improvements as compared with previous Army aircraft. Beginning in 1980, preparations to include the UH-60A Black Hawk in the Historical Inflation Program for Army aircraft were undertaken.

The addition of Black Hawk to the Historical Inflation Program required a reevaluation of the Army's average helicopter . With

the inclusion of the Black Hawk, it was evident that the weights accorded high-tech materials such as titanium and monel metal would increase. However in 1980 it was not known how Black Hawk would affect the average bill of materials in the Historical Inflation Program or the indices themselves.

The first attempt to study the content of Black Hawk within the perspective of historical inflation was by H. Kevin Wille and John M. Barnett in their paper UH-60A Black Hawk Aircraft System Peculiar Historical Inflation Indices (reference 9). The same material data and resources were used to construct their system peculiar indices were used to revise the Historical Inflation Program. The most important conclusion reached concerning the calculation of inflation indices in the revised aircraft paper was that the 14 material and 4 labor categories previously established could be retained.

The second conclusion, of course, was that the relative weights of the combined bill of materials had changed and that the contributions to cost of each cost component would have to be recalculated. This was done using ratio and proportion techniques on the original analysis to establish the revised, hi-tech index equations.

The indices exhibit significant change, especially in the engine index. In addition to the current FY 82 index, the hi-tech index is also now used for FY 80 and FY 81. The reasons for this are two. First, between 1978 and 1980 the pipeline for Black Hawk was filled. Second, according to the TSARCOM project managers, in 1980, Black Hawk procurement was more than 50% of the

Army's rotary wing aircraft procurement.

I. Additional Publications Relating to this Report

The Office of the Comptroller, Cost Analysis Division, can supply the following publications which may be of assistance in using and interpreting these inflation indices:

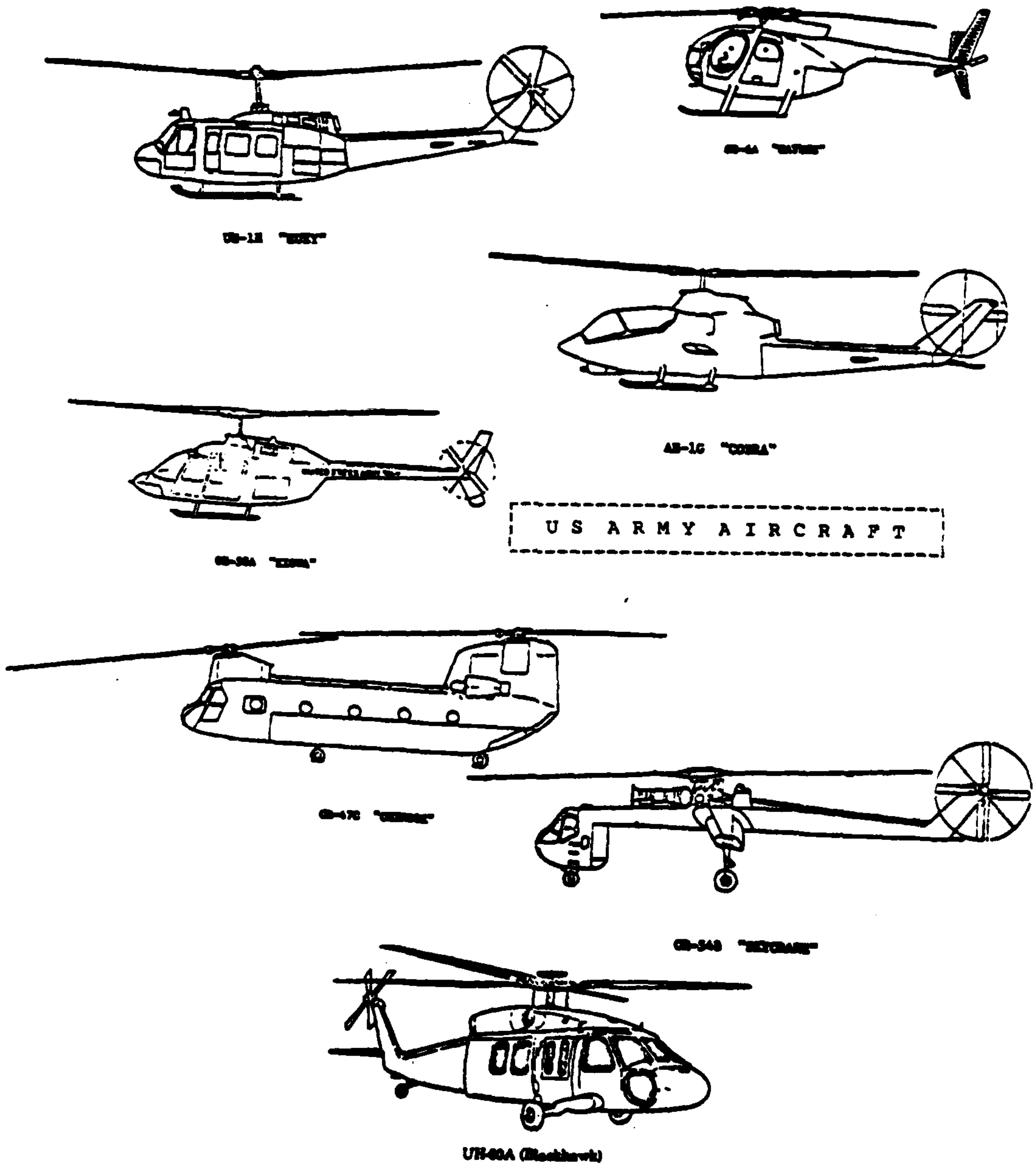
CM 82-2 Inflation Indices, An Introduction to Basic Theory and Their Application with sample problems. Nov 1981

CM 83-8 The Historical Inflation Program, for Army Aircraft Abbrev Ed., (Expected April 1983).

CM 83-2 The Troop Support Inflation Program Jan 1983.

US ARMY HELICOPTER MATERIAL DATA

UNITED STATES ARMY AVIATION



US ARMY AIRCRAFT

UH-60A (Blackhawk)

Air Order of Battle

United States Army - Quantities and Types of Fielded Aircraft

ROTARY WING AIRCRAFT

As of 31 December 1982

System Designation	Popular Name	Approx Empty Wt.	No. of Aircraft	Percent of Fleet
AH-1	"COBRA"	5,800 lbs.	1,028	13.1%
UH-1	"HUEY"	5,100 lbs.	3,726	47.2%
OH-6	"CAYUSE"	1,200 lbs.	373	4.7%
OH-58	"KIOWA"	1,750 lbs.	1,971	25.0%
CH-47	"CHINOOK"	19,500 lbs.	404	5.1%
CH-54	"SKYCRANE"	19,800 lbs.	72	.9%
UH-60A	"BLACK HAWK"	10,500 lbs.	315	4.0%
AH-64A*	"ADV. ATTACK"	10,400 lbs.	0	0%
			7,889	100.0%

Sources:
1. Field Manual 101-20, HQ Dept of the Army, January 1979.
2. World Combat Aircraft Directory, Doubleday & Company, 1976.
3. Army Aircraft Inventory Status and Flying Time, HQ, USA-TSARCOM, 31 Dec 82, p. 15 (Unclassified)

*Six aircraft in inventory as prototypes. Fielding of Aircraft to begin in February 1984.

AMSAV-CCE

31 July 1973

MEMORANDUM THRU: Mr. Gerald Dockins, Acting Chief, Estimates and Studies Branch

FOR: Mr. Edward P. Laughlin, Chief, Cost Analysis Division

SUBJECT: Material Composition Analysis of U.S. Army Helicopters, July 1973

1. On 6 June 1973, this office received a request from Mr. W.J. Tropf, AMC Comptroller Office, Cost Analysis Division, for the material composition of a UH-1H helicopter. On 18 June 1973, Chief, AVSCOM Comptroller Office, Cost Analysis Division requested a similar analysis be performed on the following Army helicopters:

a. CH-47C.

b. OH-6A.

c. OH-58A.

d. AH-1G.

e. CH-54B.

2. A search of the technical data files and aircraft drawings failed to produce the desired data. The analysis was completed with the assistance of AVSCOM Systems Engineering Division, Directorate of RD&E and pertinent U.S. Army Plant Activities. Contractors were also contacted during the data search, and others. The data obtained are a combination of expert opinion, engineering estimates and contractor data obtained under previous contracts.

3. The following Cost Analysis personnel were assigned to this project:

Aircraft System	Assigned To
UH-1H	Gerald Dockins
CH-47C	James Cadell
OH-6A	John Thilmany
OH-58A	Gerald Dockins/James Cadell
AH-1G	Gerald Dockins/James Cadell
CH-54B	James Cadell

AMSAV-CCE

31 July 1973

SUBJECT: Material Composition Analysis of U.S. Army Helicopters, July 1973

4. Copies of the Material Composition Analysis have been placed in the following files:

a. A new file folder titled "Material Composition Analysis".

b. A complete copy of the findings placed in the file folder titled "Inflation".

c. A separate file of the findings relating to turbine engines has been created.

5. Summary Tables and Material Composition Analyses are inclosed.

1 Incl
as

JAMES N. CADELL
Math-Stat

MATERIAL COMPOSITION OF US ARMY HELICOPTERS

Material Composition Analysis for U.S. Army Turbine Engines Material (Pounds)

Engine Model	Dry Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Nickel Alloy	Nonmetals	Stainless Steel	Steel Alloy
T53-L-13	527	79	316	80	26	3	0	23	0	0
T63-A-5A	138	1	108	26	0	0	0	3	0	0
T63-A-700	138	1	108	26	0	0	0	3	0	0
T55-L-7C	590	0	510	50	20	10	0	0	0	0
T73-P-700	981	1	0	0	0	0	290	0	596	94
T700-GE-700	423	126	85	0	16	1	183	7	0	7

Material Composition Analysis for U.S. Army Helicopter Airframes Material (Pounds)

Aircraft Model	Airframe Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Brass	Bronze	Lead	Tungsten	Nickel Alloy	Nonmetalic
AH-1G	4,867	1,809	1,464	136	82	590	0	0	216	0	0	570
UH-1H	4,446	1,500	1,402	200	44	400	100	0	100	0	0	700
UH-60A	8,841	3,040	3,035	352	901	112	Z	Z	28	0	10	1,363
OH-6A	1,025	666	109	20	1	30	23	3	0	1	25	147
OH-58A	1,448	536	434	29	15	101	0	0	43	0	0	290
CH-47C	9,651	4,156	3,484	602	11	328	2	8	0	23	0	1,037
CH-54B	17,803	8,928	2,480	72	970	516	20	23	1	0	209	4,584

Z: included in figures for copper.

Material Composition Analysis of Army Helicopters Material (Pounds)

Aircraft Model	Empty Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Brass	Bronze	Lead	Tungsten	Nickel Alloy	Nonmetalic
AH-1G	5,394	1,888	1,780	216	108	593	0	0	216	0	0	593
UH-1H	4,973	1,579	1,718	280	70	400	100	0	100	0	0	726
UH-60A	10,679	3,647	3,604	406	1,057	130	Z	Z	32	0	223	1,580
OH-6A	1,163	666	218	46	1	30	23	3	0	1	25	150
OH-58A	1,586	536	543	55	15	101	0	0	43	0	0	293
CH-47C	20,483	8,312	7,989	1,304	63	676	4	18	0	45	0	2,076
CH-54B	19,765	8,931	3,860	72	970	516	20	23	1	0	788	4,584

Z: included in figures for copper.

AIRCRAFT LABOR AND MATERIAL BREAKDOWN

SUMMARY OF AIRFRAME AND ENGINE CIR DATA[1]

	Airframe	Engine
Labor	62.08%	40.85%
Material	37.92%	59.15%
Total Cost	100.00%	100.00%
Raw Material	41.88%	70.58%
Purchased Equipment	58.12%	29.42%
	100.00%	100.00%

NOTES:

(1) Airframe factors were obtained from a sample of 15 CIR reports and other documents representing the AH-1, CH-47, CH-54, OH-6, OH-58, and UH60A aircraft systems.

(2) Engine factors were obtained from a sample of 14 CIR reports and other documents representing 12 different turbine engine configurations procured from Lycoming, Allison, General Electric, and Pratt & Whitney.

1. From HISTORICAL INFLATION INDICES FOR ARMY AIRCRAFT US Army Aviation Systems Command, St. Louis, 1974, p. 11.

TECHNICAL SECTION

IV. ANALYSIS: (TECHNICAL SECTION).

A. Chronology. Previous efforts related to the development of inflation indices include Aerospace Price Indexes by H.G. Campbell, RAND Corporation, December 1970 (Reference 1) and two cost research reports: Historical Inflation Indices for Army Aircraft, Cost Analysis Division, Office of the Comptroller, U.S. Army Aviation Systems Command, September 1973 (Reference 4), and Historical Inflation Indices for Army Aircraft, Cost Analysis Division, Office of the Comptroller,U.S. Army Aviation Systems Command, August 1974 (Reference 5).

1. Characteristics of the RAND Report.

a. Specific Producer Prices and Price Indexes (Reference 8) and Employment and Earnings (Reference 2) data have been selected as proxy series for similar commodity and labor categories experienced in the procurement of Army aircraft. Aircraft inflation indices are constructed from a weighted average of these proxy series. The weighting factors for this average are derived from estimates of the relative contribution to the total aircraft cost made by each component (commodity or industry labor group) comprising the index. The index is thus a "cost-weighted" series.

b. A 2½ percent compounded annual rate for growth of overhead ratios is assumed.

c. No adjustment is made for productivity increases.

d. Indices are developed on a calendar year basis.

2. Characteristics of the September 1973 Cost Research Report.

a. As with the RAND report, aircraft inflation indices have been constructed from a weighted average of Producer Prices and Price Indexes and Employment and Earnings data selected as proxy series for their similarity to those commodities and labor categories experienced in the procurement of Army aircraft. Weighting factors are proportional to the relative physical weights or masses, rather than to the relative costs of commodities comprising the "composite material" portion of the index as in the RAND report. Thus, the "composite material" portion of the index represents a "weight-weighted" series.

b. Like the RAND report, a 2½ percent annual growth in the overhead ratio is assumed.

c. No adjustment is made for productivity increases.

d. Indices are developed on a calendar year basis.

e. For years for which certain specified Producer Price Indexes were unavailable, data has been projected from adjacent years.

3. Characteristics of the August 1974 Research Report.

a. As before, Producer Prices and Price Indexes and Employment and Earnings data have been selected as proxy series most similar to those commodities and labor categories experienced in the procurement of Army aircraft. The indices have been constructed from a weighted average of these proxy series utilizing the weighting factors used in the September 1973 Cost Research Report. The "composite material" portion of the index represents a "weight-weighted" series.

b. Unlike RAND and the September 1973 Cost Research Report, no adjustment for overhead growth is assumed.

c. No adjustment for productivity increases is assumed.

d. Indices have been extended to FY 1974 by assuming that data for the September 1973 Cost Research Report represented December and hence the fiscal year midpoint, rather than the annual average, of each calendar year.

e. For years for which certain specified Producer Price Indexes were unavailable, data has been projected from adjacent years.

B. Data Sources. Data sources for this report are Producer Prices and Price Indexes (reference 8) and Employment and Earnings (reference 2). To insure that the latest revisions were incorporated into the data base, data was obtained from the Kansas City Regional Office, Bureau of Labor Statistics, and annual supplements to Producer Prices and Price Indexes. For Employment and Earnings, data for any given month was obtained from the latest available source. Data used in this report are displayed in Appendices D, E, G, and H.

C. Methodology.

1. Overhead and Productivity Adjustments. On the basis of data covering a ten year period, the RAND report concluded that there exists a secular growth trend of 2½ percent per year in the production overhead rate. The report also concluded that there has been little, if any, improvement in productivity to counteract the observed trend in overhead growth. This conclusion appears to

be unwarranted, particularly in light of productivity gains recorded (as measured by Industrial Production Indices) for similar sectors of industry. Thus, in order not to unduly bias the results of the analysis, this report makes no adjustment for either overhead growth or improvements in productivity.

2. Calculation of Weighting Factors. From a number of Cost Information Reports, the following weighting factors were developed and reported in the September 1973 Cost Research Report.

For the Airframe:

Purchased Equipment = (.378) Raw Material + (.622) Labor 3728

Total Material = (.582) Purchased Equipment + (.418) Raw Material

Total Airframe = (.378) Total Material + (.622) Labor 3721

For the Engine:

Purchased Equipment = (.599) Raw Material + (.401) Labor 3728

Total Material = (.295) Purchased Equipment + (.705) Raw Material

Total Engines = (.599) Total Material + (.401) Labor 3724

And for Avionics:

Total Avionics = (.315) Material + (.685) Labor 367X

In the previously published indices, the weighting factors used to develop the material portion of the indices were made proportional to the relative physical weights of the various commodities used in the construction of the aircraft. The material portion of these indices thus represent a "weight-weighted" series. In order to be consistent with the intended

purposes of an inflation index, the methodology in this program uses index weighting factors proportional to the numerical products obtained from multiplying the relative physical commodity weights by the appropriate base year cost per pound. This yields a "cost-weighted" index giving more weight to such expensive commodities as titanium. Unfortunately, however, price per pound data are not published in Producer Prices and Price Indexes for each of the commodities used in constructing the indices. To overcome this difficulty, the per pound price was estimated from the available data of the most closely related commodities. To minimize the effect from related commodities which have relatively little economic impact, each price per pound estimate was developed from a weighted average of available data utilizing the Bureau of Labor Statistics 1975 revised relative weights published in the 1975 Annual Supplement to Producer Prices and Price Indexes. The available data then constitutes a weighted sample from which a surrogate price per pound is computed for the Producer Price series in question. See Appendix A for the computations for the derivation of these revised weighting factors, along with their associated cost contribution per pound.

3. Construction of Indices.

a. Calendar Year 1967 was taken as the base for these indices because this year represents the approximate midpoint of the period for which the data supports the development of each of the indices, including those which account for avionics.

Furthermore, 1967 conforms to the base used by the Bureau of Labor Statistics for Producer Price Indexes.

b. Appendix B contains the current Producer Price Index series, Employment and Earnings series, and the associated weighting factors used in the construction of the indices published in this report. Since some of these series have been in existence for only a limited time, other closely related series have been substituted with appropriate mathematical adjustments to insure continuity of the indices. This technique is considered perferable to the synthesis of data by projection from adjacent years. Appendix C depicts the historical flow and identifies the effective dates of series conversions, for the Producer Price Index and the Employment and Earnings data used in the development of the indices published in this report.

c. The term "aggregate" has been selected to indicate inflation indices applicable to the combined Airframe and Engine (aggregate Air Vehicle Excluding Avionics) and to the combined Airframe, Engine, and Avionics (Aggregate Air Vehicle Including Avionics) to avoid confusion with the term "composite" as in "composite escalation indices". Aggregate indices are based upon a standard 70-20-10 weighting (see Reference 6) of the Airframe, Engine and Avionics indices respectively. Aggregate indices are intended for the adjustment of historical cost data for which the distribution of costs for the Airframe, Engine, and Avionics components is unavailable.

d. A section depicting the raw material portion of

the inflation indices is published as Appendix I. It is intended for applications requiring greater accuracy in labor cost escalation. Appropriate labor indices can be obtained from the Bureau of Labor Statistics Employment and Earnings series (Reference 2) as follows:

Labor Category	1967 SIC Code	1972 SIC Code	Industry
Airframe Contractor	3721	3721	Aircraft
Airframe Subcontractor	3723,9	3728	Other aircraft part & equipment
Engine Contractor	3722	3724	Aircraft engines & engine parts
Engine Subcontractor	3723,9	3728	Other aircraft parts & equipment
Avionics	3674,9	367X	Other electronic components
Aggregate Air Vehicle Excluding Avionics	372	372	Aircraft and parts

With appropriate adjustments, labor cost data from specific geographic areas, manufacturers, or plants can be used. The computational formulas for labor cost indexes are given on page B-5 in appendix B.

e. <u>The Basic Computational Methodology is as follows</u>:

(1) <u>For Components: Airframe, Engine, and Avionics.</u>

(a) Calendar year indices are computed using sum of weighted calendar year labor and material indices.

(b) Fiscal year indices are computed in a manner similar to calendar year, but the yearly fiscal averages are generated from the monthly data.

(c) Quarterly indices are computed by averaging three

months data from the monthly data set.

(d) Monthly indices are computed by direct calculation using monthly data. It is a weighted average of monthly figures computed using the same methodology as in computing the calendar year indices.

For additional information, see Appendix B.

(2) <u>Aircraft System Cost</u>

The inflation indices for "Aggregate Vehicle" and Aggregate Vehicle without Avionics" are produced by combining the three separate indices:

Component	Relative Weight
Airframe Index	70%
Engine Index	20%
Avionics Index	10%
Aggregate Vehicle	100%

Component	Relative Weight w/o Avionics
Airframe Index	78%
Engine Index	22%
Aggregate Vehicle without Avionics	100%

b. Reduced form equations are displayed in Appendix B, page B-6.

V. DESCRIPTION OF COMPUTER PROGRAM AND ASSOCIATED APPENDICES.

The Historical Inflation Program is a computer program used to generate historical inflation indices for Army aircraft and their major subsystems. Appendices D and G contain the annual data used by the program, while the monthly data, commencing July 1967, are in Appendices E and H. Producer Price Index and Earnings data in these Appendices have been arrayed into columns with the same numerical code sequence used in Appendix B. Historical inflation indices and factors are published in Appendix F. Fiscal Year, quarterly, and monthly indices have been developed from the appropriate monthly data. A section containing the raw material portion only of these indices is published as Appendix I. The labor portion of these indices may be obtained by applying the methodology described on pages B-2 through B-5 to the data contained in appendices D and E.

VI. SENSITIVITY ANALYSIS

Many considerations are important when constructing Historical Indices for tracking purposes. These certainly include the following:

a. The nature of the items chosen to comprise the index.

(1) How typical or representative the items are.

(2) How closely the proxy items approximate the actual items, if indices for the actual items are not obtainable.

(3) The number of items used, and the detail in the analysis which produced the indices.

b. The determination of the percent contribution to cost - "Cost Drivers".

c. The weighting factors employed in the overall analysis.

A difficult problem confronting cost analysts, who must determine the validity of an historical index for tracking purposes, relates to aggregate labor/material weighting factors. In tracking major weapons systems, the ratio is often stated as say 40/60 - that is 40 percent material and 60 percent labor - as percent contributions to cost. Because it is difficult for analysts to determine the "correct" aggregate mix of labor and material, being external to the project, the aggregate split is certainly of interest.

The value for any index depends on three factors:

1. The number of factors employed, and the quality and depth of the analysis.

2. The values for each component of cost used in the construction of the index.

3. The weights, or levels of importance, given to the factors, individually and collectively.

The objective of this sensitivity analysis is to shed some light on the way in which the aggregate labor/material split affects the index, which has been a controversial issue for some time. Using a set of recursive linear equations, the effect on the historical inflation index, for airframe, resulting from varying the aggregate weighting scheme was calculated, in both raw and percentage terms. The calculations were made using a Wang system 2200 minicomputer, and a sample printout follows. The results provide evidence that the key to a successful index resides in item a.(3) the number of items used, and the quality and detail in the analysis used in preparing the index. Because wages are often tied to the Producer Price Index, or other price indices, in labor agreements, it is not surprising that aggregate weighting percentages for labor and material might not be an extremely sensitive issue. However, the calculations provide strong support

for the position that the identification of cost components and the depth and quality of detail in an analysis are of paramount importance, when developing an index to be used in controlling the cost of a major weapon system.

******** S E N S I T I V I T Y   A N A L Y S I S ********

(SENSITIVITY OF AIRFRAME INDEX TO CHANGES IN GROSS WEIGHTING FACTORS)

EXAMPLE USING CALENDAR YEAR 1978

***** DATA *****

GROSS MATL	GROSS LABOR	PURE MATL	PURE LABOR	NEW INDX	CURR INDX	PERCENT CHANGE
378	.6220	.2411	.7588	2.1471	2.1470	0.00
200	.8000	.1068	.8931	2.1659	2.1470	0.88
250	.7500	.1408	.8591	2.1611	2.1470	0.66
300	.7000	.1777	.8222	2.1559	2.1470	0.41
350	.6500	.2175	.7824	2.1504	2.1470	0.15
400	.6000	.2603	.7396	2.1444	2.1470	- 0.12
450	5500	.3059	.6940	2.1380	2.1470	- 0.41
500	.5000	.3545	.6455	2.1312	2.1470	- 0.73
.550	4500	.4059	.5940	2.1239	2.1470	- 1.07
600	.4000	4603	.5396	2.1163	2.1470	- 1.42
650	3500	.5175	.4824	2.1083	2.1470	- 1.80
700	.3000	.5777	.4222	2.0998	2.1470	- 2.19
750	.2500	.6408	.3591	2.0910	2.1470	- 2.60
.800	.2000	.7068	.2931	2.0817	2.1470	- 3.03

SIC 3721 = 7.700 SIC 3723.9 = 6.920 NEW MAT IND = .4920

VII. REFERENCES.

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APPENDIX A

Computations For The Derivation Of Revised Weighting Factors For The Historical Inflation Program

COMPUTATIONS FOR THE DERIVATION OF
REVISED WEIGHTING FACTORS
FOR THE HISTORICAL INFLATION PROGRAM

PPI CODE	Commodity[1]	1967 Price Per Pound	Weight[2]	Product[3]	Weighted[4] 1967 Price Per Pound
07	RUBBER AND PLASTIC PRODUCTS				.2376
07 11 01 01	Latex	.2642	.006	.001585	
02	No. 1 Ribbed Smoked Sheets	.1992	.009	.001793	
03	No. 2 Ribbed Smoked Sheets	.1951	.021	.004097	
04	No. 3 Amber Blanket	.1820	.021	.003822	
02 11	Butyl, Regular	.25	.012	.003	
12	Neoprene, GN Type	.41	.020	.008199	
13	Styrene Butadiene, Hot	.2224	.021	.004671	
15	Polybutadiene, Non-Staining	.2476	.009	.002228	
03 21	Whole Tire Reclaim	.113	.009	.001017	
			.123	.030412	
10 17 07 11	SHEETS, CARBON STEEL	.0737			.0737
10 13 02 64	SHEETS, C.R., STAINLESS	.5531			.553[illegible]
10 15 01 41	STEEL CASTINGS				.[illegible]497
10 15 13 51	CLOSED DIE FORGINGS				
10 15 01 11	Ingot Molds	.049[illegible]			
10 22 01 27	LEAD, PIG, COMMON	.1[illegible]			.[illegible]4
10 22 01 51	MAGNESIUM, PIG INGOT	.3595			.3595
10 25 01 01	ALUMINUM SHEET	.418[illegible]			.4185
10 25 01 41	ROD, SCREW, MACHINE STOCK	.631[illegible]			.6315
10 25 01 17	EXTRUSION, SOLID CIRCLE SIZE 4 TO 5[6]				.[illegible]315
10 25 01 41	Rod, Screw, Machine Stock	6315			

PPI CODE	Commodity[1]	1967 Price Per Pound	Weight[2]	Product[3]	Weighted[4] 1967 Price Per Pound
10 25 02	COPPER AND BRASS MILL SHAPES				
31	Cartridge Brass Strip, 70-30 Alloy	.6033	.121	.073	.6216
32	Yellow Brass Rod(62-35-3 Alloy)	.4602	.082	.03774	
33	Yellow Brass Tube(70-30 Alloy)	.7841	.048	.03764	
55	Copper Sheet or Strip	.6924	.108	.07478	
			.359	.22316	
10 25 04 63	MONEL SHEET, CR 400 ALLOY	1.3752			1.3752
10 25 05	TITANIUM MILL SHAPES[5]				5.2926
25	Titanium Bar, Ground, 6AL-AV	5.2926			

NOTES:

1. Capitalized and Underlined Commodity Titles indicate PPI Series actually used in the Historical Inflation Program.

2. Weight is Bureau of Labor Statistics revised relative weight for the Producer Price Index. Source: 1975 Annual Supplement to Producer Prices and Price Indexes.

3. Product = (1967 Price Per Pound) x (Weight).

4. Weighted 1967 Price Per Pound = $\frac{\text{Product}}{\text{Weight}}$

5. 1967 Titanium Bar price per pound computed by utilizing Titanium Sponge index as surrogate for 1967 - Dec 1970. Titanium Mill Shapes index established December 1970. Titanium Sponge index for December 1970 is 95.5.

6. Tracked using proxy PPI Code 10250153 beginning in Jan 1982.

COMPUTATIONS FOR THE DERIVATION OF REVISED WEIGHTING FACTORS FOR THE HISTORICAL INFLATION PROGRAM

PPI Code	COMMODITY	Contrib. to Weight Airframe	Contrib. to Weight Engine	1967 Cost Per Pound	(DOLS) Contr. to cost per lb Airframe	(DOLS) Contr. to cost per lb Engine	Percent Contrib. to cost Airframe	Percent Contrib. to cost Engine
07	Rubber and Plastic Products	.17	.012	.2376	.04039	.00285	.0211	.0023
10 17 07 11	Sheets, Carbon Steel	.055		.0737	.00405		.0021	
10 13 02 64	Sheets, C.R., Stainless		.584	.5531		.32301		.2625
10 15 01 41	Steel Castings	.22		.0497	.01093		.0057	
10 15 13 51	Closed Die Forgings		.146	.0497		.00725		.0059
10 22 01 27	Lead, Pig, Common	.01		.14	.0014		.0007	
10 22 01 51	Magnesium, Pig Ingot	.033	.077	.3595	.01186	.02768	.0062	.0225
10 25 01 01	Aluminum Sheet	.256	.021	.4185	.10715	.00879	.0560	.0071
10 25 01 41	Rod, Screw, Machine Stock	.043	.004	.6315	.02715	.00253	.0142	.0021
10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.128	.01	.6315	.08083	.00632	.0422	.0051
10 25 02	Copper and Brass Mill Shapes	.049	.005	.6216	.03046	.00311	.0159	.0025
10 25 04 63	Monel Sheet, CR 400 Alloy	.011	.122	1.3752	.01513	.16777	.0079	.1364
10 25 05	Titanium Mill Shapes	.025	.019	5.2926	.13231	.10056	.0691	.0817
		1.000	1.000		$.46167	$.64986	.2411	.5281
							(24.11%)	(52.81%)

EXPLANATORY NOTES FOR REVISED WEIGHTING FACTORS

HISTORICAL INFLATION PROGRAM

$$\text{CONTRIBUTION TO COST} = \text{CONTRIBUTION TO WEIGHT} \times \text{1967 COST PER POUND} \times \text{NORMALIZATION FACTOR}$$

NOTES:

1. Contributions to cost and weight are percentages in decimal form.

2. Normalization Factor = $\dfrac{\text{Percent Contribution to Cost of Material}}{\text{Material Cost Per Pound}}$

   a. Engine Normalization Factor $= \dfrac{.5281}{.64986} = .813$

   b. Airframe Normalization Factor $= \dfrac{.2411}{.46167} = .522$

3. Coefficient for Titanium reduced by a factor of .955 in December 1970. Titanium Sponge Index replaced by Titanium Mill Shape Index.

COMPUTATIONS FOR THE DERIVATION OF REVISED WEIGHTING FACTORS FOR THE HISTORICAL INFLATION PROGRAM

PPI Code	COMMODITY	Percent Contrib to Cost Airframe	Percent Contrib to Cost Engine	High Tech Adj. Factor Airframe	High Tech Adj. Factor Engine	High Tech Percent Contrib to Cost Airframe	High Tech Percent Contrib to Cost Engine
07	Rubber and Plastic Products	.0211	.0023	1.004	.964	.0181	.0014
10 17 07 11	Sheets, Carbon Steel	.0021	-	1.010	-	.0019	-
10 13 02 64	Sheets, C.R., Stainless	-	.2625	-	.967	-	.1631
10 15 01 41	Steel Castings	.0057	-	1.010	-	.0050	-
10 15 13 51	Closed Die Forgings	-	.0059	-	.977	-	.0038
10 22 01 27	Lead, Pig, Common	.0007	-	.921	-	.0006	-
10 22 01 51	Magnesium, Pig Ingot	.0062	.0225	1.000	.922	.0053	.0134
10 25 01 01	Aluminum Sheet	.0560	.0071	.992	1.118	.0474	.0051
10 25 01 41	Rod, Screw, Machine Stock	.0142	.0021	.992	1.118	.0120	.0016
10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.0422	.0051	1.010	1.118	.0364	.0037
10 25 02	Copper and Brass Mill Shapes	.0159	.0025	.927	.970	.0126	.0016
10 25 04 63	Monel Sheet, CR 400 Alloy	.0079	.1364	1.050	3.220	.0071	.2822
10 25 05	Titanium Mill Shapes	.0660	.0817	1.640	1.000	.0922	.0525
		.2380	.5281			.2380	.5281
						(23.80%)	(52.81%)

EXPLANATORY NOTES FOR REVISED WEIGHTING FACTORS

HI-TECH COMPUTATIONS

$$\text{HI-TECH CONTRIBUTION TO COST} = \text{PERCENT CONTRIBUTION TO COST} \times \text{HI-TECH ADJUSTMENT FACTOR} \times \text{NORMALIZATION FACTOR}$$

NOTES: 1. Hi-Tech Adjustment Factor = $\dfrac{\text{New Material Percent by Weight}}{\text{Old Material Percent by Weight}}$

i.e. engine monel sheet is 4.25% by weight under the new bill of materials and 1.32% under the old, so the Adjustment Factor $= \dfrac{4.25\%}{1.32\%} = 3.22$

2. Normalization Factor = $\dfrac{\text{Sum of Old Contributions to Cost}}{\text{Sum of New Contributions to Cost}}$

a. Engine Normalization Factor $= \dfrac{.5281}{.8219} = .6425$

b. Airframe Normalization Factor $= \dfrac{.2380}{.2794} = .8520$

3. Normalization Factor reduces total material percentages to .2380 (Airframe) and .5281 (Engine) so that when combined with labor percentages of .7620 (Airframe) and .4719 (Engine) cost contributions sum to unity.

i.e. $.2380 + .7620 = 1.000$ and $.5281 + .4719 = 1.000$

APPENDIX B

PRODUCER PRICE INDEXES AND EARNINGS SERIES

USED IN

HISTORICAL INFLATION PROGRAM

WITH REVISED WEIGHTING FACTORS

PRODUCER PRICE INDEXES AND EARNINGS SERIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

Var	PPI Code	Commodity	Airframe	*HI-TECH Airframe
(1)	07	Rubber and Plastic Products	.0211	.0181
(2)	10 17 07 11	Sheets, Carbon Steel	.0021	.0019
(3)	10 13 02 64	Sheets, C.R., Stainless		
(4)	10 15 01 41	Steel Castings	.0057	.0050
(5)	10 15 13 51	Closed Die Forgings		
(6)	10 22 01 27	Lead, Pig, Common	.0007	.0006
(7)	10 22 01 51	Magnesium, Pig Ingot	.0062	.0053
(8)	10 25 01 01	Aluminum Sheet	.0560	.0474
(9)	10 25 01 41	Rod, Screw, Machine Stock	.0142	.0120
(10)	10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.0422	.0364
(11)	10 25 02	Copper and Brass Mill Shapes	.0159	.0126
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy	.0079	.0071
(13)	10 25 05	Titanium Mill Shapes	.0660	.0922
(14)	11 78	Electronic Components		
	SIC Code	Industry		
(15)	367X	Other Electronic Components		
(16)	3721	Aircraft	.6220	.6220
(17)	3724	Aircraft Engines and Engine Parts		
(18)	3728	Other Aircraft Parts and Equipment	.1369	.1369
			1.0000	1.0000

* Includes UH-60A BLACK HAWK Aircraft

PRODUCER PRICE [illegible] SERIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

Var	PPI Code	Commodity	Engine	*HI-TECH Engine
(1)	07	Rubber and Plastic Products	.0023	.0014
(2)	10 17 07 11	Sheets, Carbon Steel		
(3)	10 13 02 64	Sheets, C.R., Stainless	.2625	.1631
(4)	10 15 01 41	Steel Castings		
(5)	10 15 13 51	Closed Die Forgings	.0059	.0038
(6)	10 22 01 27	Lead, Pig, Common		
(7)	10 22 01 51	Magnesium, Pig Ingot	.0225	.0134
(8)	10 25 01 01	Aluminum Sheet	.0071	.0051
(9)	10 25 01 41	Rod, Screw, Machine Stock	.0021	.0016
(10)	10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.0051	.0037
(11)	10 25 02	Copper and Brass Mill Shapes	.0025	.0016
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy	.1364	.2822
(13)	10 25 05	Titanium Mill Shapes	.0817	.0525
(14)	11 78	Electronic Components		
	SIC Code	Industry		
(15)	367X	Other Electronic Components		
(16)	3721	Aircraft		
(17)	3724	Aircraft Engines and Engine Parts	.4010	.4010
(18)	3728	Other Aircraft Parts and Equipment	.0709	.0709
			1.0000	1.0000

* Includes UH-60A/T700 Engine

PRODUCER PRICE INDEXES AND EARNINGS SERIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

Var	PPI Code	Commodity	Avionics	HI-TECH Avionics
(1)	07	Rubber and Plastic Products		
(2)	10 17 07 11	Sheets, Carbon Steel		
(3)	10 13 02 64	Sheets, C.R., Stainless		
(4)	10 15 01 41	Steel Castings		
(5)	10 15 13 51	Closed Die Forgings		
(6)	10 22 01 27	Lead, Pig, Common		
(7)	10 22 01 51	Magnesium, Pig Ingot		
(8)	10 25 01 01	Aluminum Sheet		
(9)	10 25 01 41	Rod, Screw, Machine Stock		
(10)	10 25 01 17	Extrusion, Solid Circle Size 4 to 5		
(11)	10 25 02	Copper and Brass Mill Shapes		
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy		
(13)	10 25 05	Titanium Mill Shapes		
(14)	11 78	Electronic Components	.3150	.3150
	SIC Code	Industry		
(15)	367X	Other Electronic Components	.6850	.6850
(16)	3721	Aircraft		
(17)	3724	Aircraft Engines and Engine Parts		
(18)	3728	Other Aircraft Parts and Equipment		
			1.0000	1.0000

COMPUTATIONAL FORMULAS FOR LABOR COST INDEXES

The data for cost of labor services is supplied by the Bureau of Labor Statistics, as hourly wage rates by Standard Industry (SIC) Codes, and are reported on a regular basis in Employment and Earnings. Because material indices are expressed as indexes, base 100, and wages are expressed in dollars per hour, labor costs over time must be converted to indices before calculations can be made. The dollar per hour to index conversions for the labor categories are done as follows:

Var	SIC Code	Industry			CY 1967 Hr. Wage				Current Index
(15)	367X	*Electronic Components*	Current Hr. Wage	÷	\$ 2.34	X	100%	=	367X Index
(16)	3721	Aircraft Production	Current Hr. Wage	÷	\$ 3.49	X	100%	=	3721 Index
(17)	3724	Aircraft Engines & Engine Parts	Current Hr. Wage	÷	\$ 3.42	X	100%	=	3724 Index
(18)	3728	Aircraft Equipment	Current Hr. Wage	÷	\$ 3.35	X	100%	=	3728 Index

REDUCED FORM EQUATIONS

Airframe = .0211(V-1) + .0021(V-2) + .0057(V-4) + .0007(V-6) + .0062(V-7)
+.056(V-8) + .0142(V-9) + .0422(V-10) + .0159(V-11) + .0079(V-12)
+.0660(V-13) + .622(V-16)(100/3.49) + .1369(V-18)(100/3.35)

Engine = .0023(V-1) + .2625(V-3) + .0059(V-5) + .0225(V-7) + .0071(V-8)
+.0021(V-9) + .0051(V-10) + .0025(V-11) + .1364(V-12) + .0817(V-13)
+.401(V-17)(100/3.42) + .0709(V-18)(100/3.35)

Avionics = .3150(V-14) + .6850(V-15)(100/2.34)

HI-TECH REDUCED FORM EQUATIONS

HI-TECH Airframe = .0181(V-1) + .0019(V-2) + .0050(V-4) + .0006(V-6) + .0053(V-7)
+ .0474(V-8) + .0120(V-9) + .0364(V-10) + .0126(V-11) + .0071(V-12)
+ .0922(V-13) + .622(V-16)(100/3.49) + .1369(V-18)(100/3.35)

HI-TECH Engine = .0014(V-1) + .1631(V-3) + .0038(V-5) + .0134(V-7) + .0051(V-8)
+ .0016(V-9) + .0037(V-10) + .0016(V-11) + .2822(V-12) + .0525(V-13)
+ .401(V-17)(100/3.42) + .0709(V-18)(100/3.35)

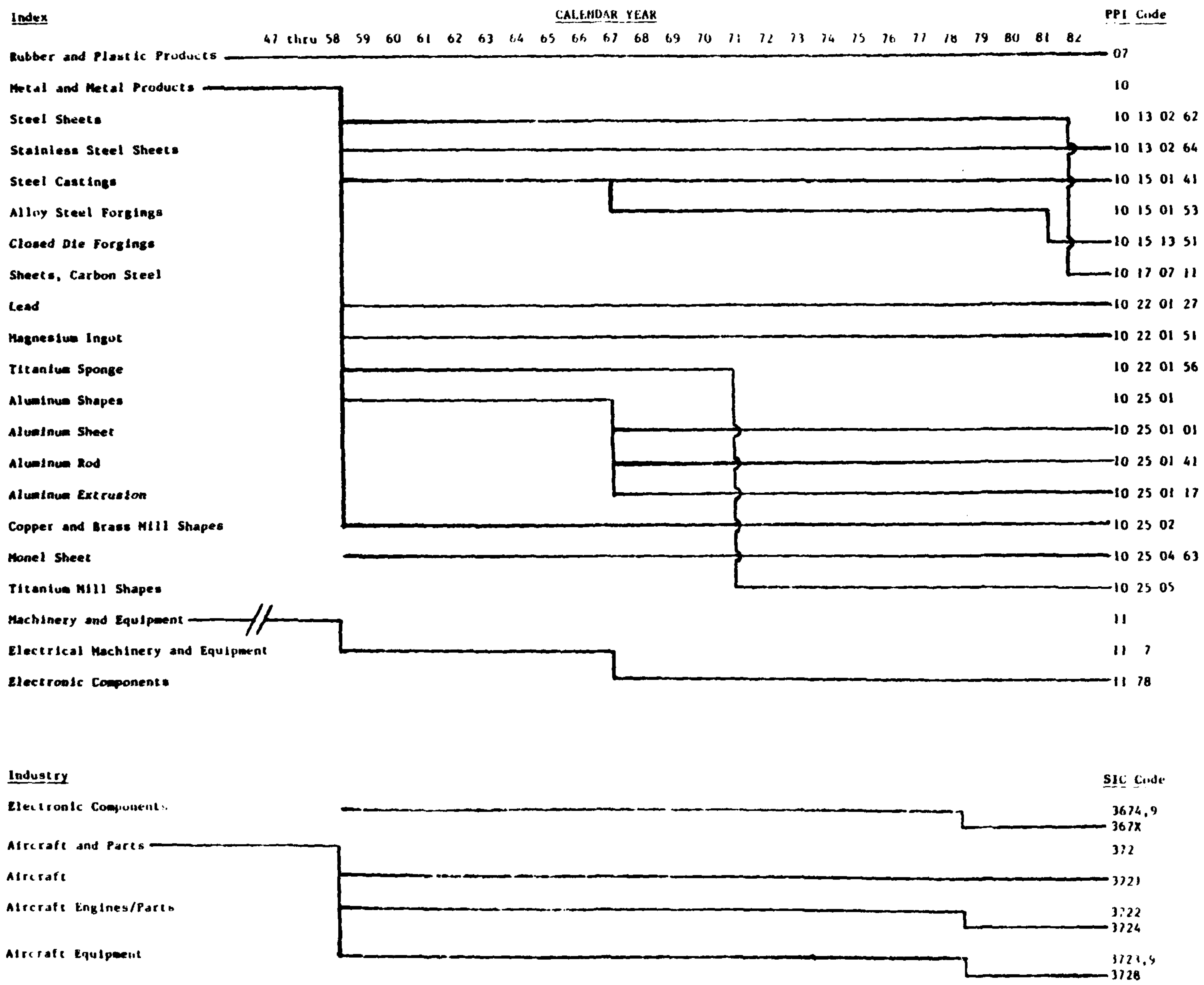
HI-TECH Avionics = .3150(V-14) + .6850(100/2.34)

Variables (V-1) thru (V-18) are defined on page B-2

APPENDIX C

Historical Flow of Producer Price Indexes and Earnings Series Used in Historical Inflation Program With Revised Weighting Factors

Historical Flow of Producer P... Indexes and Earnings Series Used in Historical Inflation Program



APPENDIX D

Annual Data for The Historical Inflation Program for U. S. Army Rotary Wing Aircraft

C A L E N D A R   Y E A R   D A T A

P R E - 1 9 5 8

CY	PPI-07	PPI-10	SIC372
1947	70.50	54.90	1.372
1948	72.30	62.50	1.487
1949	71.50	63.00	1.560
1950	85.90	66.30	1.637
1951	105.40	73.80	1.780
1952	95.50	75.90	1.890
1953	89.10	76.30	1.990
1954	90.40	76.50	2.070
1955	102.40	82.10	2.160
1956	103.60	89.20	2.270
1957	103.40	91.00	2.350

C A L E N D A R   Y E A R   D A T A

	MATERIALS														LABOR			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	007X	130282	130264	1508XX	151151	220111	220151	250101	251113	250117	2502XX	253463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER
CY	RUBBER	CP STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	372X
1958	103.30	93.10	125.70	93.20	93.20	86.70	100.00	107.60	107.60	107.60	74.10	79.50	149.30	99.90	1.71	2.51	2.31	2.44
1959	102.90	94.70	121.50	96.40	96.40	87.20	100.00	106.00	106.00	106.00	80.60	70.50	122.40	99.50	1.77	2.64	2.64	2.65
1960	113.10	94.70	120.20	96.80	96.80	85.20	100.00	110.60	110.80	110.60	81.70	87.20	117.90	98.20	1.86	2.71	2.73	2.64
1961	99.20	94.70	118.60	97.00	97.00	77.60	100.00	111.30	111.30	111.30	75.30	83.40	108.10	98.20	1.93	2.78	2.81	2.70
1962	96.30	94.70	115.40	97.00	97.00	68.70	100.00	108.70	108.70	108.70	73.90	91.60	101.00	96.70	1.97	2.87	2.91	2.66
1963	96.80	96.90	107.10	97.00	97.00	79.60	100.00	102.90	102.50	102.90	73.40	91.60	97.30	95.70	2.01	2.95	2.99	2.69
1964	95.50	96.00	94.40	97.10	97.10	97.00	100.00	101.40	101.40	101.40	78.50	90.65	97.30	95.10	2.09	3.00	3.09	2.96
1965	95.90	98.00	91.40	98.10	96.10	114.30	100.00	99.40	99.40	99.40	88.10	90.00	98.80	95.10	2.14	3.15	3.17	3.06
1966	97.80	98.20	91.60	99.60	97.90	107.20	100.00	98.50	98.50	98.50	99.30	94.20	100.00	97.70	2.21	3.34	3.32	3.21
1967	100.60	106.10	100.00	100.60	100.00	100.00	100.00	100.00	103.60	100.10	101.00	100.00	100.00	100.00	2.34	3.49	3.42	3.35
1968	103.40	104.70	103.10	105.70	102.00	94.60	100.00	102.40	95.80	102.40	107.30	105.20	99.30	99.20	2.49	3.64	3.65	3.53
1969	105.30	109.20	112.50	113.40	108.10	106.50	100.00	109.70	91.00	112.40	119.20	112.20	98.00	100.70	2.61	3.90	3.87	3.76
1970	116.30	116.40	130.90	119.50	117.10	112.10	130.00	110.60	93.40	120.60	136.50	132.10	95.50	101.00	2.78	4.17	4.10	3.99
1971	109.10	123.40	135.00	125.30	122.90	99.60	102.70	106.70	93.40	121.40	118.60	139.70	102.90	102.40	2.91	4.36	4.36	4.15
1972	109.30	135.60	125.40	129.00	130.50	109.60	103.60	104.80	93.50	123.20	124.30	143.40	107.00	103.40	3.02	4.74	4.74	4.37
1973	112.40	135.30	122.10	132.20	135.90	117.60	106.40	65.20	93.40	125.10	141.70	148.20	109.20	104.40	3.16	5.13	5.05	4.66
1974	136.20	167.60	157.10	163.90	161.80	159.10	173.20	136.40	126.00	150.90	162.70	173.50	132.50	111.40	3.39	5.57	5.43	5.03
1975	151.20	169.30	155.30	196.80	191.50	154.00	228.10	152.60	145.40	167.00	149.90	219.60	168.60	115.50	3.75	6.19	6.03	5.52
1976	155.20	[illegible]	186.30	216.30	215.20	163.80	249.30	175.30	157.50	182.90	163.90	241.50	171.80	115.80	3.97	6.62	6.52	5.96
1977	167.60	239.00	197.10	234.40	235.90	219.30	270.60	200.80	164.50	211.30	160.40	259.10	170.20	113.50	4.33	7.07	7.05	6.42
1978	174.60	255.00	197.60	257.30	264.50	249.90	279.10	245.50	174.20	231.10	171.60	263.40	173.10	126.90	4.90	7.70	7.80	6.93
1979	194.30	282.20	218.30	291.90	297.80	378.30	294.90	245.20	191.60	255.10	216.50	318.40	211.40	135.80	5.36	8.50	8.53	7.48
1980	217.40	306.20	[illegible]	[illegible]	337.60	310.70	324.10	268.90	255.30	289.60	[illegible]	369.60	283.40	156.30	6.06	9.67	9.42	8.39
1981	252.60	353.20	231.00	[illegible]	377.00	257.50	352.30	249.90	224.10	308.80	222.20	376.90	362.60	168.10	6.62	10.74	10.41	9.58

APPENDIX E

MONTHLY DATA FOR THE HISTORICAL INFLATION PROGRAM

MONTHLY DATA

	MATERIALS													LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	1392c2	130264	150aXX	150151	220111	220151	250101	250113	250117	2592XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3725	FY
67JUL	96.80	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.71	98.90	100.00	99.80	2.36	3.46	3.41	3.33	68
67AUG	100.60	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.60	93.90	100.00	99.70	2.35	3.51	3.45	3.36	68
67SEP	101.30	100.00	99.10	100.00	100.20	100.00	100.00	100.10	100.10	100.10	98.40	93.90	100.00	99.50	2.35	3.52	3.48	3.38	68
67OCT	101.50	100.00	101.60	100.00	100.20	100.30	100.00	100.10	100.10	100.10	100.60	103.20	100.00	99.40	2.37	3.54	3.52	3.39	68
67NOV	102.40	100.00	103.20	100.00	101.30	100.40	100.00	100.10	100.10	100.10	105.10	103.20	100.00	99.10	2.38	3.58	3.49	3.42	68
67DEC	102.30	100.00	103.20	100.00	101.30	100.00	100.00	100.10	100.10	100.10	107.50	103.20	100.00	99.90	2.41	3.61	3.56	3.46	68
68JAN	102.40	103.40	103.20	102.90	101.40	100.00	100.00	100.10	100.10	100.10	115.10	103.20	100.00	99.70	2.43	3.58	3.58	3.48	68
68FEB	102.50	103.40	103.20	103.10	101.40	100.00	100.00	100.10	100.10	100.10	119.50	105.40	100.00	99.40	2.46	3.58	3.59	3.47	68
68MAR	102.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	120.00	105.40	100.00	99.10	2.46	3.58	3.58	3.48	68
68APR	102.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	122.20	105.40	99.20	99.40	2.44	3.55	3.52	3.45	68
68MAY	102.70	103.40	103.20	104.30	101.40	92.90	100.00	100.10	100.10	100.10	107.40	105.40	99.20	99.50	2.47	3.58	3.61	3.49	68
68JUN	103.00	103.40	103.20	105.40	101.40	92.90	100.00	103.30	101.60	101.50	102.70	105.40	99.20	99.10	2.49	3.58	3.63	3.54	68
68JUL	103.50	103.40	103.20	106.80	101.40	92.90	100.00	104.20	101.60	104.50	99.30	105.40	99.20	99.00	2.49	3.57	3.63	3.55	69
68AUG	104.00	103.40	104.10	106.80	101.40	89.20	100.00	104.20	101.60	104.50	98.90	105.40	99.20	99.00	2.51	3.63	3.67	3.55	69
68SEP	104.00	107.20	103.30	106.00	101.40	89.20	100.00	104.20	86.20	104.50	98.90	105.40	99.20	99.00	2.52	3.69	3.70	3.56	69
68OCT	104.20	107.20	103.30	108.00	101.70	92.90	100.00	104.20	86.20	104.50	99.10	105.40	99.20	99.00	2.53	3.79	3.72	3.57	69
68NOV	104.30	107.20	102.20	108.00	104.50	92.90	100.00	104.20	86.20	104.50	101.00	105.40	99.20	99.10	2.55	3.80	3.76	3.61	69
68DEC	104.40	107.20	102.20	106.00	105.60	92.90	100.00	104.20	86.20	104.50	102.60	105.40	99.20	99.10	2.56	3.81	3.86	3.65	69
69JAN	103.20	107.20	105.40	109.50	105.60	96.50	100.00	104.20	86.20	104.50	109.30	110.50	99.20	98.90	2.56	3.81	3.81	3.65	69
69FEB	103.80	107.20	105.40	109.50	105.60	100.00	100.00	108.30	90.50	108.90	109.20	110.50	99.20	100.20	2.59	3.86	3.81	3.67	69
69MAR	104.10	107.20	105.40	110.50	105.60	100.00	100.00	109.30	90.50	109.40	119.40	110.50	99.20	100.40	2.58	3.85	3.80	3.66	69
69APR	104.40	107.20	106.20	110.50	105.80	103.50	100.00	110.50	89.80	110.70	113.00	110.50	99.20	100.60	2.57	3.86	3.81	3.68	69
69MAY	104.20	107.20	106.40	113.60	106.10	103.50	100.00	110.50	89.60	112.00	116.10	110.50	99.20	100.60	2.60	3.84	3.84	3.74	69
69JUN	104.30	107.20	110.60	113.60	107.60	107.10	100.00	110.50	89.60	112.30	116.50	110.50	99.20	100.60	2.61	3.84	3.85	3.76	69
69JUL	105.70	107.20	110.60	113.60	105.70	110.70	100.00	110.50	89.80	112.30	118.40	110.50	99.20	100.50	2.62	3.83	3.87	3.78	70
69AUG	106.10	112.90	110.60	115.30	108.70	110.70	100.00	110.50	91.60	112.80	123.20	110.50	99.20	100.60	2.63	3.92	3.69	3.79	70
69SEP	105.80	112.90	110.60	116.30	109.10	110.70	100.00	110.50	93.40	112.30	127.40	110.50	95.50	101.20	2.65	3.89	3.92	3.79	70
69OCT	106.60	112.90	126.80	116.30	109.10	110.70	100.00	110.50	93.40	114.10	127.80	110.50	95.50	101.40	2.64	3.98	3.94	3.84	70
69NOV	107.50	112.90	125.80	116.30	110.70	110.70	100.00	110.50	93.40	116.60	127.80	110.51	95.50	101.70	2.65	4.05	3.94	3.86	70
69DEC	107.50	112.90	125.80	116.30	113.50	114.30	100.00	110.50	93.40	117.80	131.30	130.90	95.50	101.40	2.68	4.07	4.04	3.91	70
70JAN	107.80	107.50	130.90	117.90	114.80	117.50	100.00	110.60	93.40	117.80	135.70	130.90	95.50	101.40	2.70	4.09	4.01	3.89	70
70FEB	107.70	113.10	130.90	117.90	114.90	117.90	100.00	110.60	93.40	117.80	135.00	130.90	95.50	100.20	2.71	4.09	4.01	3.90	70
70MAR	107.60	113.10	130.90	117.90	115.30	117.90	100.00	110.60	93.40	117.80	132.00	130.90	95.50	100.20	2.73	4.09	4.03	3.93	70
70APR	107.50	113.10	130.70	117.90	115.30	117.90	100.00	110.60	93.40	119.00	135.10	130.90	95.50	100.60	2.74	4.10	4.03	3.94	70
70MAY	107.20	113.10	130.90	117.90	115.70	117.90	100.00	110.60	93.40	121.50	136.70	130.90	95.50	99.80	2.77	4.11	4.06	3.95	70
70JUN	107.10	119.40	130.90	117.91	117.30	117.90	100.00	110.60	93.40	121.70	136.70	130.90	95.50	101.20	2.79	4.11	4.09	3.98	70
70JUL	108.50	119.40	130.90	120.40	116.40	113.80	100.00	110.60	93.40	121.70	133.20	130.90	95.51	101.20	2.81	4.12	4.11	4.00	71
70AUG	109.20	119.40	130.90	120.40	118.40	107.10	100.00	110.60	93.50	121.70	132.40	130.90	95.50	101.00	2.82	4.22	4.14	4.02	71
70SEP	109.20	119.40	130.90	120.40	118.40	105.40	100.00	110.60	93.50	121.90	124.60	133.10	95.50	101.50	2.83	4.27	4.13	4.04	71
70OCT	109.10	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	125.90	133.10	95.50	101.50	2.84	4.27	4.17	4.07	71
70NOV	109.00	119.40	130.30	121.60	118.40	105.40	100.00	110.60	93.50	121.90	125.10	136.00	95.50	101.90	2.86	4.34	4.19	4.09	71
70DEC	109.20	119.40	130.90	121.60	119.30	105.60	100.0	110.60	93.50	121.90	118.60	136.00	95.50	101.90	2.89	4.33	4.29	4.15	71
71JAN	108.30	119.40	130.50	122.60	119.60	96.40	103.60	110.60	93.40	121.50	113.20	136.00	100.00	102.80	2.90	4.32	4.28	4.11	71
71FEB	109.10	119.40	130.20	122.60	119.80	95.40	103.60	108.60	93.40	121.50	113.20	136.00	100.30	103.30	2.89	4.31	4.31	4.11	71
71MAR	109.00	119.40	130.60	122.60	119.80	96.40	103.60	108.60	93.40	121.50	112.60	141.40	101.70	103.70	2.90	4.32	4.31	4.08	71
71APR	108.80	119.40	130.80	125.20	119.80	96.40	103.60	108.60	93.40	121.50	123.50	140.40	103.70	103.10	2.91	4.32	4.30	4.07	71
71MAY	108.60	119.40	130.80	125.20	121.70	96.40	103.60	108.60	93.40	121.50	124.90	141.40	103.70	102.70	2.92	4.37	4.34	4.13	71
71JUN	109.60	119.40	138.10	125.80	124.30	96.40	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.00	2.93	4.34	4.35	4.15	71
71JUL	109.40	127.40	138.10	125.80	124.80	101.80	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.10	2.92	4.33	4.37	4.16	72
71AUG	109.60	127.40	138.10	125.80	125.00	101.80	103.60	108.60	93.40	121.50	120.00	140.40	103.70	103.20	2.92	4.36	4.38	4.17	72
71SEP	109.50	127.40	138.1	125.80	125.00	101.80	103.50	108.60	93.40	121.50	113.50	140.40	103.70	102.80	2.93	4.38	4.37	4.20	72

M O N T H L Y   D A T A

	MATERIALS														LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	0.7X	136262	130264	1566XX	151151	220111	220151	251131	250115	250117	2512XX	251463	2505XX	117XXX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3725	FY
71OCT	109.40	127.45	136.10	125.80	125.00	101.60	103.80	108.60	93.40	121.50	119.00	140.40	103.70	102.80	2.89	4.41	4.41	4.18	72
71NOV	109.30	127.40	138.10	125.60	125.00	101.60	100.80	108.60	93.40	120.90	119.10	140.40	103.70	102.60	2.90	4.45	4.44	4.17	72
71DEC	109.30	127.40	137.10	125.80	125.00	101.10	100.60	105.60	93.40	120.90	117.70	140.40	103.70	102.50	2.94	4.46	4.52	4.26	72
72JAN	109.50	124.10	137.10	127.60	127.00	101.10	103.60	105.60	93.40	121.60	119.70	140.40	103.70	102.40	2.96	4.44	4.50	4.22	72
72FEB	109.20	134.50	137.10	127.60	129.00	103.60	103.60	105.60	93.40	121.60	121.60	140.40	106.80	103.40	2.96	4.58	4.54	4.28	72
72MAR	108.90	134.50	138.10	127.60	129.70	110.70	103.60	105.10	93.40	121.60	125.40	140.40	107.10	103.40	2.99	4.64	4.56	4.30	72
72APR	108.70	134.50	138.10	127.80	129.70	112.70	103.60	105.10	93.40	123.10	125.30	140.40	107.10	103.20	2.98	4.74	4.57	4.33	72
72MAY	108.80	134.50	138.10	127.80	130.70	112.50	103.60	105.10	94.90	123.80	125.50	140.40	107.40	104.00	3.00	4.72	4.63	4.36	72
72JUN	108.90	134.50	120.40	127.80	130.80	112.50	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.90	3.02	4.72	4.65	4.36	72
72JUL	109.20	134.50	120.40	127.80	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	104.00	3.03	4.64	4.69	4.34	73
72AUG	109.50	134.50	117.50	130.90	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	103.70	3.03	4.77	4.75	4.39	73
72SEP	109.50	134.50	117.50	130.90	131.30	110.70	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.30	3.06	4.79	4.78	4.43	73
72OCT	109.50	134.50	117.50	130.90	131.30	110.70	103.60	103.70	93.40	123.80	125.10	140.40	107.40	103.20	3.06	4.84	4.80	4.44	73
72NOV	109.80	134.50	117.50	130.90	131.30	108.90	103.60	103.70	93.40	123.80	125.70	140.40	107.40	103.20	3.05	4.97	4.83	4.49	73
72DEC	109.80	134.50	117.50	130.90	132.00	108.90	103.60	103.70	93.40	123.80	125.90	140.40	107.40	103.30	3.09	5.04	4.98	4.51	73
73JAN	110.00	134.50	117.50	130.90	132.00	108.90	106.40	103.70	93.40	123.80	126.20	140.40	107.40	103.60	3.09	4.99	4.92	4.52	73
73FEB	110.10	134.50	117.50	130.90	132.00	110.70	106.40	103.70	93.40	123.80	127.90	140.40	107.40	103.60	3.08	5.04	4.92	4.56	73
73MAR	110.30	134.50	117.50	130.90	134.00	114.30	106.40	103.70	93.40	123.80	137.00	149.80	107.40	103.70	3.10	5.04	4.94	4.55	73
73APR	110.60	134.50	117.50	132.30	138.00	114.30	106.40	104.40	93.40	123.80	138.50	149.80	107.10	104.00	3.12	5.03	4.95	4.57	73
73MAY	111.50	134.50	123.40	132.30	138.00	116.10	106.40	104.40	93.40	125.20	141.90	149.80	106.40	104.40	3.12	5.08	4.95	4.57	73
73JUN	112.60	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.60	142.10	149.80	108.20	104.50	3.13	5.07	4.99	4.62	73
73JUL	112.90	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.20	141.60	149.80	108.20	104.60	3.15	5.05	5.07	4.66	74
73AUG	113.10	134.50	124.50	133.00	138.20	117.90	106.40	104.40	93.40	125.20	143.80	149.80	109.00	104.60	3.18	5.17	5.06	4.69	74
73SEP	112.80	134.50	124.50	133.00	138.20	117.90	106.40	105.60	93.40	125.20	145.50	149.80	111.10	104.60	3.20	5.18	5.09	4.73	74
73OCT	114.00	137.50	124.50	133.00	138.20	117.90	106.40	106.70	93.40	125.90	146.50	149.80	111.10	104.80	3.22	5.27	5.12	4.77	74
73NOV	114.80	137.50	124.60	133.00	138.90	117.90	106.40	107.20	93.40	126.90	154.30	149.80	112.30	104.90	3.24	5.28	5.15	4.62	74
73DEC	116.50	137.50	124.60	133.00	138.90	132.10	106.40	109.40	93.40	126.90	161.40	149.80	114.70	105.70	3.27	5.34	5.37	4.88	74
74JAN	117.70	137.50	126.80	142.60	142.20	135.70	116.80	117.80	102.00	130.20	165.20	149.80	114.70	106.20	3.26	5.36	5.26	4.82	74
74FEB	119.60	137.50	128.60	143.50	142.50	135.70	116.80	117.80	102.00	134.00	165.40	149.80	114.70	106.40	3.28	5.41	5.29	4.88	74
74MAR	123.80	142.00	134.90	143.50	144.40	135.70	123.75	117.30	108.90	136.10	178.30	149.80	121.80	107.20	3.30	5.43	5.30	4.86	74
74APR	129.40	146.50	140.10	143.50	145.20	144.60	130.70	125.00	116.40	144.50	189.00	149.80	121.80	108.30	3.31	5.40	5.21	4.89	74
74MAY	133.70	155.80	153.60	161.00	152.20	153.60	153.60	127.10	116.40	146.20	206.30	175.30	123.10	109.60	3.34	5.50	5.34	5.02	74
74JUN	135.60	165.40	159.60	159.30	162.40	153.60	153.60	132.30	123.20	150.40	213.70	175.30	124.30	111.30	3.39	5.51	5.41	5.03	74
74JUL	139.50	182.30	163.90	163.80	167.30	175.00	180.80	144.30	132.20	152.20	198.70	175.30	137.50	112.10	3.42	5.52	5.44	5.03	75
74AUG	143.40	188.50	173.10	179.70	168.10	175.00	219.70	151.00	140.40	163.80	188.90	191.30	137.50	113.90	3.40	5.59	5.47	5.10	75
74SEP	145.60	188.50	174.90	182.50	168.10	175.00	208.60	151.00	140.40	163.80	184.90	191.30	139.00	113.30	3.47	5.64	5.51	5.13	75
74OCT	147.50	188.50	174.90	182.50	182.50	175.00	208.60	151.00	142.20	163.80	181.60	191.30	151.70	114.30	3.47	5.75	5.55	5.15	75
74NOV	148.50	188.50	175.60	182.50	182.90	175.00	208.60	151.00	144.10	162.80	172.70	191.30	151.70	116.80	3.52	5.83	5.59	5.18	75
74DEC	149.40	190.00	178.90	182.50	182.90	175.00	208.60	151.00	144.10	162.80	163.50	191.30	151.70	117.00	3.59	5.87	5.72	5.23	75
75JAN	149.60	189.10	175.90	182.50	182.90	175.00	228.10	151.00	144.10	162.10	159.10	219.60	163.40	117.30	3.63	5.93	5.75	5.23	75
75FEB	150.00	189.10	169.80	185.00	182.90	175.00	228.10	151.00	144.10	162.10	155.00	219.60	163.40	117.00	3.66	5.94	5.84	5.29	75
75MAR	149.70	189.10	169.30	190.40	182.90	175.00	228.10	151.00	144.10	165.20	148.80	219.60	162.20	116.60	3.68	6.00	5.90	5.35	75
75APR	147.40	189.10	169.30	190.40	185.90	175.00	228.10	151.10	144.10	165.20	150.90	219.60	164.60	116.30	3.71	6.07	5.90	5.39	75
75MAY	148.90	185.00	169.30	190.40	195.40	168.60	228.10	151.00	144.10	165.00	147.00	219.60	170.80	115.60	3.73	6.12	5.96	5.47	75
75JUN	148.60	185.10	162.60	190.40	195.40	135.70	228.10	151.00	144.10	165.50	147.00	219.60	170.80	115.70	3.77	6.20	6.03	5.49	75
75JUL	150.10	184.80	162.90	201.10	195.40	135.70	228.10	151.00	144.10	165.00	145.80	219.60	171.80	115.60	3.81	6.22	6.00	5.56	76
75AUG	150.10	184.80	162.90	201.10	195.40	135.70	228.10	157.20	147.20	171.00	145.60	219.60	171.80	115.10	3.78	6.26	6.04	5.62	76
75SEP	150.60	184.80	162.90	201.1	195.50	142.90	228.10	157.20	147.20	171.00	147.10	219.60	171.80	114.50	3.81	6.30	6.12	5.65	76
75OCT	151.50	197.00	162.40	201.10	195.40	142.90	228.10	153.40	147.20	170.70	151.20	219.60	171.80	113.80	3.81	6.37	6.16	5.66	76
75NOV	151.80	197.30	156.90	201.10	195.80	142.90	228.10	153.40	147.20	170.70	151.30	219.60	171.80	114.30	3.81	6.43	6.23	5.77	76
75DEC	151.50	197.00	156.70	201.10	196.40	142.90	228.10	153.40	147.20	170.30	150.00	219.60	171.80	114.30	3.85	6.47	6.44	5.81	76

M O N T H L Y   D A T A

	MATERIALS													LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
CY/MO	0N7X RUBBER	1302E2 CR STL	1302E4 STNLS	1506XX CAST	156151 FORGE	220111 LEAD	220151 MAGNES	250101 ALUMN	250113 SC.STK	250117 EXTRU	2502XX CP/BRS	253465 MONEL	2505XX TI.MIL	117XXX ELECT	ELECT 367X	ACFT 3721	ENG 3724	OTHER 3728	FY
76JAN	152.30	197.00	162.60	214.80	198.40	135.70	242.00	157.20	147.26	169.80	[illegible]	241.50	171.80	114.50	3.85	6.47	6.32	5.79	76
76FEB	154.10	197.00	162.60	214.80	198.40	135.70	242.00	158.60	147.20	169.80	153.10	241.50	171.80	114.50	3.87	6.54	6.33	5.84	76
76MAR	155.50	197.00	164.20	214.80	210.80	135.70	242.50	163.50	147.20	169.80	153.10	241.50	171.80	115.00	3.88	6.58	6.37	5.86	76
76APR	156.70	197.00	164.20	214.80	210.20	150.00	242.00	163.50	147.20	169.80	153.20	241.50	171.80	115.20	3.88	6.54	6.21	5.83	76
76MAY	157.10	197.00	164.20	214.80	210.20	162.50	242.00	164.30	154.60	175.30	155.70	241.50	171.80	115.30	3.91	6.57	6.37	5.93	76
76JUN	157.10	209.10	164.20	214.80	215.20	164.30	242.00	175.90	154.60	180.40	166.70	241.50	171.80	115.80	3.94	6.54	6.42	5.94	76
76JUL	158.30	209.10	164.20	214.60	210.50	176.80	255.90	175.90	154.60	180.70	158.80	241.50	171.80	116.00	3.97	6.67	6.61	5.99	7T
76AUG	161.10	209.10	174.40	218.40	220.60	176.80	255.90	178.80	154.60	188.60	171.40	241.50	171.80	115.90	3.99	6.64	6.62	5.98	7T
76SEP	163.90	209.10	176.30	213.40	220.60	176.80	255.90	190.30	156.80	197.50	172.40	241.50	171.80	116.20	4.01	6.63	6.66	6.03	7T
76OCT	164.60	209.10	176.30	218.40	220.60	183.90	255.90	190.30	158.80	197.50	174.70	241.50	171.80	116.80	4.04	6.75	6.71	6.05	77
76NOV	164.80	209.10	176.30	218.40	220.60	183.90	255.90	190.30	158.80	197.50	169.90	241.50	171.80	116.90	4.06	6.77	6.75	6.12	77
76DEC	164.70	220.90	176.30	218.40	229.70	183.90	255.90	190.30	158.80	197.50	161.60	241.50	171.80	117.30	4.16	6.81	6.86	6.18	77
77JAN	164.60	222.60	186.60	218.40	231.80	189.30	255.90	190.30	158.80	197.50	159.00	241.50	171.80	118.20	4.21	6.88	6.83	6.14	77
77FEB	164.20	222.60	186.60	220.40	231.80	207.10	267.00	190.30	158.80	197.50	160.40	241.50	171.80	118.40	4.19	6.90	6.87	6.20	77
77MAR	164.60	222.60	186.60	230.40	231.80	221.40	267.00	190.30	158.80	197.50	167.40	262.60	171.80	118.30	4.20	6.93	6.86	6.25	77
77APR	165.70	222.60	186.60	233.40	231.80	221.40	267.00	136.00	161.50	236.70	175.30	262.60	171.80	118.90	4.22	6.97	6.84	6.29	77
77MAY	166.30	222.60	200.10	235.70	231.80	221.40	267.00	139.80	158.60	208.70	175.30	262.60	169.80	118.60	4.26	7.03	6.85	6.35	77
77JUN	167.50	222.60	203.40	235.70	231.60	221.40	267.00	199.80	158.80	209.30	172.90	262.60	169.80	118.90	4.32	7.06	6.95	6.39	77
77JUL	165.90	237.40	205.60	235.70	234.20	221.40	275.40	203.70	167.80	218.30	173.10	262.60	169.80	118.70	4.35	7.09	7.01	6.43	77
77AUG	165.30	237.40	205.60	229.40	234.20	221.40	275.40	204.60	167.80	220.20	171.20	262.60	170.00	118.80	4.38	7.15	7.02	6.45	77
77SEP	169.50	237.40	202.70	239.40	240.10	221.40	275.40	204.60	167.80	220.20	163.10	262.60	168.80	120.50	4.44	7.19	7.15	6.57	77
77OCT	173.20	237.40	202.70	241.20	240.10	221.40	275.40	206.00	167.80	220.20	158.60	262.60	169.10	121.10	4.58	7.16	7.27	6.56	78
77NOV	170.20	237.40	200.30	241.20	245.40	228.60	275.40	211.80	167.80	220.20	160.60	262.60	168.70	121.70	4.61	7.23	7.33	6.65	78
77DEC	170.00	237.40	200.30	241.20	245.90	235.70	275.40	211.80	167.80	220.20	161.20	262.60	168.70	121.50	4.69	7.28	7.53	6.63	78
78JAN	170.20	237.40	194.00	241.90	245.90	235.70	275.40	211.80	167.80	223.80	164.60	262.60	168.70	124.40	4.75	7.36	7.46	6.66	78
78FEB	171.20	250.60	194.00	241.90	245.90	235.70	275.40	217.00	167.80	225.20	166.80	262.60	169.30	124.70	4.77	7.44	7.68	6.74	78
78MAR	171.40	250.60	192.90	241.90	257.70	235.70	275.40	228.50	170.40	229.30	167.00	262.60	170.10	125.80	4.78	7.44	7.55	6.74	78
78APR	172.80	254.10	190.50	266.30	257.70	235.70	275.40	228.50	173.10	230.60	168.30	262.60	170.10	125.30	4.79	7.50	7.58	6.61	78
78MAY	173.80	254.50	192.70	263.00	263.70	228.60	280.90	228.50	173.10	230.60	159.10	262.60	172.20	126.00	4.80	7.52	7.60	6.82	78
78JUN	174.50	254.50	196.70	260.00	263.90	221.40	280.90	228.50	173.10	232.00	171.30	262.60	174.20	126.80	4.84	7.54	7.67	6.67	78
78JUL	174.90	254.50	202.00	260.00	263.90	221.40	280.90	235.20	173.10	232.00	169.70	262.60	174.20	127.10	4.91	7.63	7.77	6.90	78
78AUG	175.70	262.90	204.50	260.60	275.00	235.90	280.90	245.20	176.90	232.00	172.50	262.60	175.70	127.00	4.92	7.73	7.82	6.98	78
78SEP	176.70	262.90	203.30	263.90	275.60	235.70	280.90	245.20	176.90	232.00	173.80	262.60	175.60	127.20	5.00	7.77	7.96	7.02	78
78OCT	176.10	262.90	200.80	264.60	275.60	264.30	280.90	245.20	177.30	232.00	177.10	262.60	175.70	128.50	5.00	7.96	8.03	7.09	79
78NOV	179.40	262.90	200.90	265.90	275.60	271.40	280.90	245.20	177.30	236.10	178.20	262.60	176.00	130.00	5.02	8.07	8.03	7.15	79
78DEC	179.70	262.50	200.90	268.20	275.60	271.40	280.90	248.20	179.70	237.80	180.90	272.00	175.20	130.00	5.13	8.12	8.32	7.22	79
79JAN	180.80	275.70	206.30	268.90	283.10	285.70	280.90	245.20	185.00	240.40	187.90	272.00	176.40	130.40	5.14	8.26	8.19	7.16	79
79FEB	183.20	275.70	209.50	275.00	280.60	314.30	293.50	245.20	185.00	241.40	212.90	272.00	177.00	131.20	5.17	8.24	8.18	7.19	79
79MAR	185.90	275.70	209.90	283.00	287.90	328.60	293.50	245.20	185.00	242.40	213.00	277.80	180.30	131.70	5.18	8.25	8.24	7.18	79
79APR	186.80	275.70	212.70	284.10	287.90	342.80	293.50	245.20	187.30	250.20	222.10	289.50	204.30	132.70	5.18	8.19	8.07	7.17	79
79MAY	190.30	275.70	216.50	283.70	297.30	342.80	293.50	245.20	192.10	251.60	210.20	397.70	209.80	133.10	5.22	8.32	8.30	7.31	79
79JUN	193.10	275.70	213.10	289.70	297.30	403.60	293.50	245.20	192.10	251.60	213.30	328.00	210.80	134.50	5.29	8.33	8.38	7.41	79
79JUL	195.30	267.40	221.90	291.20	297.30	428.60	293.50	245.20	192.10	257.40	214.20	336.70	216.70	136.50	5.34	8.43	8.49	7.49	79
79AUG	196.40	289.00	224.60	292.40	298.60	414.30	293.50	245.20	192.10	260.60	216.40	336.70	217.60	137.10	5.40	8.47	8.60	7.49	79
79SEP	200.70	289.00	225.00	[illegible]	302.70	414.30	293.50	245.20	192.10	258.00	219.60	336.70	217.60	139.40	5.48	8.55	8.74	7.62	79
79OCT	203.00	289.00	226.40	294.40	316.60	439.30	303.20	245.20	195.30	266.10	251.20	356.70	222.67	139.70	5.50	8.33	8.80	7.68	80
79NOV	[illegible]	289.00	226.40	311.40	323.70	414.30	[illegible]	245.20	200.70	269.30	[illegible]	353.70	250.20	140.80	5.56	8.97	8.96	7.88	80
79DEC	205.90	289.00	225.40	[illegible]	324.80	414.70	[illegible]	245.20	200.30	271.90	229.00	363.70	255.91	142.10	5.73	9.14	9.27	8.02	80
80JAN	207.00	289.00	226.40	[illegible]	334.70	357.10	[illegible]	245.20	[illegible]	277.50	234.40	363.70	262.10	146.20	5.78	9.11	8.99	7.96	80
80FEB	210.70	289.00	226.40	[illegible]	341.50	364.50	[illegible]	245.20	200.30	273.50	257.30	456.00	262.10	149.90	5.82	9.17	8.99	8.05	80
80MAR	212.70	[illegible]	[illegible]	[illegible]	[illegible]	357.10	303.20	245.20	200.30	276.00	[illegible]	[illegible]	265.70	151.20	5.88	9.20	9.14	8.09	80

MONTHLY DATA

	MATERIALS														LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	170711	1362XX	1?141	151351	220127	2201?1	2501?1	250141	250117	250?XX	251453	2505XX	1173XX	ELECT	ACFT	EVS	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	372X	FY
80APR	214.10	304.50	232.20	315.50	346.70	321.40	322.70	247.70	203.40	290.20	230.10	379.70	284.60	153.40	5.93	9.38	9.10	9.15	80
80MAY	215.10	304.50	232.20	318.30	346.70	269.30	322.70	245.30	203.40	290.90	227.70	379.70	284.60	155.30	5.94	9.49	9.22	8.24	80
80JUN	217.30	304.50	230.80	320.10	349.50	282.10	322.70	245.30	205.60	290.90	224.90	379.70	285.00	157.00	6.05	9.59	9.32	8.31	80
80JUL	218.80	289.30	230.80	335.80	349.50	242.30	322.70	247.70	205.60	289.90	224.60	379.70	288.80	158.10	6.11	9.74	9.43	8.37	80
80AUG	220.50	289.00	230.60	337.20	349.10	285.70	322.70	247.70	206.60	289.90	230.10	379.70	291.70	160.10	6.14	9.81	9.62	8.51	80
80SEP	222.00	289.30	236.80	338.60	350.60	300.00	322.70	247.70	206.60	289.90	224.90	379.70	293.00	160.60	6.20	9.85	9.61	8.57	80
80OCT	222.60	304.50	222.40	340.00	352.00	311.40	347.70	254.30	209.60	297.90	227.90	379.70	294.50	160.60	6.23	10.05	9.65	8.64	81
80NOV	223.40	304.60	222.40	341.60	357.90	314.30	347.70	257.20	209.60	306.00	228.40	377.50	294.30	161.00	6.29	10.25	9.81	8.83	81
80DEC	223.30	304.50	221.60	343.00	359.00	292.80	347.70	257.20	209.60	306.00	228.40	364.40	294.90	162.00	6.35	10.33	10.20	8.93	81
81JAN	224.80	321.10	223.50	344.60	370.40	242.90	347.70	255.80	219.30	306.00	226.70	377.50	322.30	163.70	6.42	10.33	9.98	8.90	81
81FEB	226.40	321.10	223.60	345.80	371.20	214.30	347.70	268.70	224.50	306.00	224.80	377.50	322.90	164.20	6.47	10.43	10.04	8.94	81
81MAR	228.40	323.80	223.80	347.20	371.60	257.10	347.70	271.60	224.50	306.00	223.00	377.50	353.90	166.50	6.48	10.43	10.11	9.01	81
81APR	230.80	323.90	228.50	348.20	372.80	271.40	347.70	271.60	224.50	309.80	224.40	377.50	363.50	165.70	6.49	10.43	10.11	9.06	81
81MAY	231.80	323.70	228.50	349.30	375.50	264.30	347.70	274.30	224.50	309.80	222.20	377.50	363.50	165.80	6.54	10.57	10.25	9.23	81
81JUN	233.40	323.30	232.00	368.80	375.50	271.40	372.70	292.50	224.50	309.80	220.90	377.50	366.60	167.40	6.65	10.60	10.32	9.28	81
81JUL	232.10	343.50	232.00	368.10	378.70	296.40	372.70	265.90	224.50	309.80	221.20	377.50	374.80	170.20	6.65	10.67	10.44	9.26	81
81AUG	234.10	343.50	234.00	370.60	380.80	321.40	372.70	285.90	224.50	309.80	223.20	377.50	374.80	170.50	6.72	10.91	10.55	9.41	81
81SEP	235.70	343.50	235.50	371.80	383.20	367.10	372.70	285.90	224.50	309.80	222.40	377.50	374.90	170.80	6.73	10.89	10.59	9.53	81
81OCT	237.30	343.50	235.90	363.60	385.80	292.80	372.70	289.10	224.50	309.80	221.70	377.50	377.90	170.60	6.74	11.14	10.81	9.72	82
81NOV	238.90	343.50	235.50	375.80	389.90	250.00	372.70	292.50	224.50	309.80	219.00	375.80	377.90	170.70	6.77	11.24	10.72	9.89	82
81DEC	238.30	343.90	237.60	385.00	393.20	221.40	372.70	305.70	224.50	309.30	217.30	373.80	377.90	171.40	6.87	11.36	11.04	10.05	82
82JAN	237.30	343.90	237.60	388.70	401.10	221.40	372.70	305.10	224.50	309.30	215.80	373.80	381.00	174.50	6.99	11.47	10.93	9.93	82
82FEB	239.30	343.90	237.60	390.90	401.10	214.30	372.70	305.10	224.50	309.30	215.20	377.50	381.00	175.10	6.94	11.52	11.00	10.11	82
82MAR	240.80	343.90	236.20	390.90	401.10	196.40	372.70	305.10	224.50	308.70	211.10	377.50	380.80	175.50	6.98	11.51	10.99	9.94	82
82APR	241.10	343.90	245.30	405.50	400.30	192.90	372.70	305.10	224.50	308.70	207.10	377.50	375.50	175.60	7.01	11.47	10.97	9.99	82
82MAY	242.10	343.80	247.10	413.40	400.50	189.50	372.70	285.40	224.50	308.70	203.80	377.50	375.50	175.70	7.05	11.66	10.90	10.03	82
82JUN	242.50	343.60	247.30	413.40	400.50	185.70	372.70	285.40	224.50	308.10	201.30	377.50	375.50	175.60	7.07	11.72	11.01	10.20	82
82JUL	243.10	342.90	244.10	415.60	399.60	192.90	372.70	285.40	224.50	308.10	201.20	377.50	370.20	175.80	7.19	11.74	11.20	10.29	82
82AUG	243.00	342.30	244.10	415.60	399.60	169.30	372.70	285.40	224.50	308.10	201.40	377.50	370.20	175.90	7.22	11.95	11.28	10.32	82
82SEP	243.30	342.90	240.60	415.60	399.60	196.40	372.70	285.40	224.50	308.80	207.10	377.50	370.20	176.40	7.28	12.00	11.30	10.41	82

APPENDIX F

HISTORICAL INFLATION INDICES

HISTORICAL INFLATION
PRE-1958 INDICES

CY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY82= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82= 1.0000
47	47.3	6.8492	55.2	5.9059	49.1	6.6128
48	52.1	6.2250	61.8	5.2763	54.2	5.9949
49	53.8	6.0274	63.1	5.1646	55.9	5.8109
50	56.8	5.7130	66.4	4.9106	58.9	5.5121
51	62.4	5.1921	73.3	4.4453	64.9	5.0045
52	64.7	5.0114	74.9	4.3524	67.0	4.8477
53	67.5	4.8068	77.8	4.1877	69.8	4.6533
54	69.4	4.6706	79.3	4.1084	71.6	4.5322
55	73.1	4.4335	84.0	3.8792	75.6	4.2965
56	77.6	4.1761	90.2	3.6132	80.4	4.0373
57	79.5	4.0594	92.5	3.5238	82.7	3.9263

HISTORICAL INFLATION
CALENDAR YEAR INDICES

CY	AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000
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58	82.4	3.9331	94.2	3.4609	81.5	3.1906	85.0	3.8169	84.7	3.7566
59	83.3	3.8932	92.8	3.5181	83.2	3.1281	85.4	3.8429	85.1	3.7369
60	85.3	3.8026	95.5	3.4117	85.4	3.0465	87.6	3.7074	87.3	3.6428
61	86.0	3.7712	95.6	3.4972	87.4	2.9751	88.1	3.6834	88.1	3.6131
62	87.1	3.7209	95.9	3.3994	88.1	2.9516	89.1	3.6440	69.0	3.5754
63	88.0	3.6828	94.4	3.4521	89.9	2.9232	89.5	3.6287	89.4	3.5565
64	89.2	3.6353	92.3	3.5303	91.1	2.8541	89.9	3.6113	90.0	3.5347
65	92.3	3.5119	92.7	3.5149	92.6	2.8090	92.4	3.5125	92.4	3.4421
66	96.5	3.3609	95.5	3.4128	95.5	2.7246	96.3	3.3723	96.2	3.3080
67	100.0	3.2424	100.0	3.2590	100.0	2.6012	100.0	3.2461	100.0	3.1816
68	103.8	3.1236	104.6	3.1156	104.1	2.4978	104.0	3.1218	104.0	3.0593
69	110.4	2.9375	111.1	2.9322	106.1	2.4057	110.6	2.9363	110.3	2.8843
70	116.9	2.7745	121.8	2.6754	113.2	2.2980	118.0	2.7518	117.5	2.7081
71	120.9	2.6830	127.6	2.5544	117.4	2.2149	122.3	2.6532	121.9	2.6109
72	128.5	2.5151	130.7	2.4928	121.0	2.1502	129.3	2.5100	128.5	2.4762
73	137.7	2.3538	135.3	2.4395	125.4	2.0745	137.2	2.3663	136.0	2.3391
74	154.0	2.1056	157.2	2.0734	134.3	1.9364	154.7	2.0984	152.7	2.0841
75	172.0	1.8851	178.1	1.8296	146.2	1.7757	173.4	1.8724	170.6	1.8645
76	184.6	1.7566	189.5	1.7165	152.7	1.7035	185.8	1.7475	182.5	1.7438
77	197.8	1.6385	207.7	1.5688	164.4	1.5823	200.0	1.6227	196.5	1.6153
78	214.8	1.5096	219.4	1.4856	183.4	1.4182	215.8	1.5042	212.6	1.4967
79	237.6	1.3645	246.9	1.3246	199.7	1.3027	239.5	1.3554	235.5	1.3509
80	271.3	1.1952	299.2	1.0894	226.6	1.1476	277.5	1.1693	272.4	1.1560
81	304.7	1.0643	314.9	1.0349	246.7	1.0542	306.9	1.0576	300.9	1.0573

HISTORICAL INFLATION
MONTHLY INDICES

	CY	FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY82= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY82= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82= 1.0000
JUL	67	68	99.3	3.2655	99.4	3.2773	100.5	2.5877	99.3	3.2681	99.4	3.1995
AUG	67	68	100.3	3.2312	100.0	3.2597	100.2	2.5960	100.3	3.2375	100.3	3.1734
SEP	67	68	100.7	3.2211	100.4	3.2466	100.1	2.5977	100.6	3.2267	100.6	3.1641
OCT	67	68	101.1	3.2058	102.1	3.1912	100.7	2.5834	101.4	3.2026	101.3	3.1410
NOV	67	68	102.1	3.1770	102.3	3.1865	100.9	2.5783	102.1	3.1791	102.0	3.1197
DEC	67	68	102.6	3.1543	103.2	3.1584	102.0	2.5497	102.9	3.1552	102.8	3.0951
JAN	68	68	102.5	3.1637	103.5	3.1493	102.5	2.5368	102.7	3.1605	102.7	3.0982
FEB	68	68	102.5	3.1622	103.9	3.1370	103.3	2.5175	102.8	3.1565	102.9	3.0924
MAR	68	68	102.5	3.1605	103.8	3.1399	103.2	2.5198	102.9	3.1559	102.9	3.0920
APR	68	68	101.9	3.1815	103.6	3.1651	102.7	2.5319	102.1	3.1778	102.2	3.1129
MAY	68	68	102.4	3.1672	104.1	3.1315	103.6	2.5096	102.8	3.1592	102.8	3.0937
JUN	68	68	102.8	3.1548	104.4	3.1207	104.1	2.4986	103.1	3.1471	103.2	3.0817
JUL	68	69	102.8	3.1546	104.5	3.1196	104.1	2.4993	103.2	3.1468	103.2	3.0815
AUG	68	69	103.9	3.1221	105.2	3.0987	104.7	2.4853	104.1	3.1168	104.2	3.0534
SEP	68	69	104.8	3.0951	105.3	3.0948	105.0	2.4784	104.9	3.0951	104.9	3.0333
OCT	68	69	106.6	3.0419	105.6	3.0873	105.2	2.4715	106.4	3.0519	106.3	2.9944
NOV	68	69	107.0	3.0312	105.8	3.0789	105.9	2.4571	106.7	3.0417	106.6	2.9837
DEC	68	69	107.3	3.0228	107.1	3.0425	106.2	2.4503	107.3	3.0256	107.2	2.9686
JAN	69	69	107.5	3.0171	108.1	3.0153	106.1	2.4518	107.6	3.0167	107.5	2.9609
FEB	69	69	108.9	2.9766	108.2	3.0124	107.4	2.4224	108.8	2.9845	108.6	2.9289
MAR	69	69	108.9	2.9774	108.1	3.0147	107.2	2.4276	108.7	2.9856	108.6	2.9305
APR	69	69	109.2	2.9681	108.4	3.0058	106.9	2.4328	109.1	2.9762	108.9	2.9229
MAY	69	69	109.2	2.9679	109.6	2.9900	107.8	2.4130	109.2	2.9728	109.1	2.9175
JUN	69	69	109.4	2.9650	110.3	2.9554	108.1	2.4064	109.6	2.9629	109.4	2.9079
JUL	69	70	109.3	2.9660	110.6	2.9476	108.4	2.4006	109.6	2.9619	109.5	2.9063
AUG	69	70	111.1	2.9182	110.8	2.9404	108.7	2.3935	111.0	2.9231	110.9	2.8712
SEP	69	70	110.4	2.9372	110.9	2.9387	109.5	2.3765	110.5	2.9375	110.4	2.8819
OCT	69	70	112.3	2.8671	115.5	2.8215	109.2	2.3815	113.0	2.8722	112.5	2.8246
NOV	69	70	113.8	2.8502	115.4	2.8250	109.6	2.3731	114.1	2.8446	113.7	2.7991
DEC	69	70	114.6	2.8234	115.4	2.7294	110.4	2.3563	115.7	2.8064	115.1	2.7633
JAN	70	70	114.9	2.8208	120.4	2.7076	111.[illegible]	2.3438	115.2	2.7947	115.6	2.7514
FEB	70	70	115.0	2.8198	120.4	2.7071	110.9	2.3456	116.2	2.7939	115.7	2.7509
MAR	70	70	115.1	2.8166	120.7	2.7005	111.5	2.3333	116.3	2.7909	115.8	2.7469
APR	70	70	115.4	2.8105	120.7	2.7009	111.9	2.3246	116.6	2.7851	116.1	2.7407
MAY	70	70	115.7	2.8019	121.1	2.6910	112.5	2.3117	115.9	2.7764	116.5	2.7315
JUN	70	70	115.9	2.7985	121.5	2.6816	113.[illegible]	2.2968	117.1	2.7715	116.8	2.7248
JUL	70	71	116.1	2.79[illegible]	121.7	2.6725	114.1	2.27[illegible]	117.4	2.7656	117.0	2.7182
AUG	70	71	118.6	2.7465	122.2	2.6669	114.4	2.2744	118.9	2.7299	118.[illegible]	2.6859
SEP	70	71	118.5	2.7284	122.4	2.6624	114.8	2.2655	119.6	2.7133	119.2	2.6707
OCT	70	71	119.[illegible]	2.72[illegible]	122.9	2.6509	115.1	2.2592	119.8	2.7986	119.4	2.6653
NOV	70	71	120.3	2.6933	125.6	2.6305	115.5	2.2459	121.0	2.6820	120.[illegible]	2.6431
DEC	70	71	120.[illegible]	2.69[illegible]	124.9	2.6032	116.7	2.2293	121.3	2.6756	120.[illegible]	2.6325

HISTORICAL INFLATION
MONTHLY INDICES

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	CY	FY	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000
JAN	71	71	119.3	2.7046	124.7	2.6125	117.3	2.2180	121.0	2.6835	120.6	2.6582
FEB	71	71	119.6	2.7111	125.1	2.6050	117.1	2.2296	120.8	2.6867	120.5	2.6414
MAR	71	71	119.8	2.7072	125.7	2.5917	117.6	2.2127	121.1	2.6805	120.7	2.6350
APR	71	71	120.0	2.7026	125.8	2.5909	117.7	2.2197	121.3	2.6764	120.9	2.6311
MAY	71	71	121.2	2.6756	126.4	2.5763	117.8	2.2076	122.3	2.6532	121.9	2.6161
JUN	71	71	120.7	2.6867	128.5	2.5365	118.2	2.2004	122.4	2.6517	122.1	2.6379
JUL	71	72	120.6	2.6889	126.7	2.5314	118.0	2.2052	122.4	2.6521	122.0	2.6089
AUG	71	72	121.2	2.6761	126.9	2.5286	118.0	2.2046	122.9	2.6417	122.4	2.5996
SEP	71	72	121.6	2.6662	128.6	2.5310	118.2	2.2015	123.2	2.6348	122.7	2.5931
OCT	71	72	122.1	2.6564	129.2	2.5226	117.3	2.2236	123.6	2.6253	123.3	2.5871
NOV	71	72	122.7	2.6426	129.5	2.5163	117.2	2.2192	124.2	2.6133	123.5	2.5759
DEC	71	72	123.2	2.6313	130.4	2.4996	118.4	2.1976	124.8	2.6008	124.2	2.5624
JAN	72	72	122.6	2.6444	130.1	2.5045	118.9	2.1676	124.3	2.6118	123.7	2.5711
FEB	72	72	125.6	2.5814	131.6	2.4882	119.2	2.1818	126.8	2.5630	126.1	2.5242
MAR	72	72	126.8	2.5569	131.5	2.4774	120.1	2.1659	127.9	2.5387	127.1	2.5035
APR	72	72	128.6	2.5179	131.7	2.4739	119.7	2.1723	129.4	2.5080	128.5	2.4767
MAY	72	72	126.6	2.5210	132.5	2.4589	120.6	2.1572	129.5	2.5069	128.6	2.4741
JUN	72	72	128.6	2.5214	128.1	2.5436	121.1	2.1474	128.5	2.5263	127.6	2.4904
JUL	72	73	127.1	2.5518	128.6	2.5352	121.5	2.1416	127.4	2.5481	126.8	2.5091
AUG	72	73	129.6	2.5017	128.6	2.5342	121.4	2.1433	129.4	2.5089	128.6	2.4744
SEP	72	73	130.2	2.4912	129.0	2.5255	122.1	2.1301	129.9	2.4987	129.1	2.4639
OCT	72	73	131.0	2.4750	129.3	2.5207	122.1	2.1306	130.6	2.4850	129.8	2.4517
NOV	72	73	133.5	2.4260	129.7	2.5118	121.6	2.1359	132.7	2.4462	131.5	2.4175
DEC	72	73	134.9	2.4640	131.6	2.4773	123.0	2.1149	134.1	2.4200	133.0	2.3918
JAN	73	73	134.1	2.4188	130.9	2.4690	123.1	2.1133	135.4	2.4341	132.3	2.4043
FEB	73	73	134.9	2.4057	131.9	2.4898	122.5	2.1165	134.0	2.4224	132.9	2.3943
MAR	73	73	135.5	2.3961	132.6	2.4586	123.4	2.1077	134.7	2.4094	133.6	2.3816
APR	73	73	135.3	2.3966	132.7	2.4555	124.1	2.0942	134.7	2.4096	133.7	2.3865
MAY	73	73	136.2	2.3796	134.2	2.4278	124.2	2.0940	135.6	2.3902	134.7	2.3628
JUN	73	73	136.4	2.3763	135.2	2.4097	124.5	2.0856	136.2	2.3836	135.0	2.3564
JUL	73	74	136.2	2.3779	136.3	2.3517	125.2	2.0785	136.2	2.3825	135.1	2.3544
AUG	73	74	138.[illegible]	2.3493	136.5	2.3874	126.7	2.0658	139.1	2.3506	136.7	2.3242
SEP	73	74	139.1	2.3384	136.9	2.3806	126.6	2.0543	138.6	2.3415	137.4	2.3150
OCT	73	74	141.1	2.2984	137.3	2.3728	127.3	2.0438	140.2	2.3140	136.9	2.2898
NOV	73	74	141.7	2.2875	138.9	2.3625	127.9	2.0339	140.9	2.3058	139.6	2.2791
DEC	73	74	143.5	2.2578	140.9	2.3132	129.0	2.0161	142.9	2.2715	141.5	2.2482
JAN	74	74	144.5	2.2441	140.4	2.3211	128.9	2.0142	145.6	2.2691	142.2	2.2381
FEB	74	74	145.[illegible]	[illegible]	141.4	[illegible]	[illegible]	2.0081	144.9	2.2403	143.4	2.2195
MAR	74	74	147.[illegible]	2.2024	143.[illegible]	2.2641	130.4	[illegible]	[illegible]	2.2158	144.9	2.1930
APR	74	74	148.[illegible]	2.1913	144.6	[illegible]	131.[illegible]	1.9165	147.2	2.2950	145.6	2.1852
MAY	74	74	151.3	2.1431	154.1	2.1147	132.[illegible]	[illegible]	151.9	2.1367	150.1	2.1217
JUN	74	74	152.5	2.1295	156.8	2.0708	134.5	[illegible]	153.3	2.1140	151.4	2.1119
JUL	74	75	154.4	[illegible]	160.6	2.0363	135.4	1.9207	155.7	2.0951	153.7	2.0706

HISTORICAL INFLATION
MONTHLY INDICES

	CY	FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY82= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY82= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82= 1.0000
AUG	74	75	157.3	2.0606	166.1	1.9617	135.4	1.9210	159.3	2.0377	155.9	2.0276
SEP	74	75	158.4	2.0471	167.0	1.9515	137.3	1.8950	160.3	2.0249	159.0	2.0137
OCT	74	75	161.3	2.0133	168.6	1.9331	137.6	1.8906	162.9	1.9926	160.4	1.9838
NOV	74	75	162.7	1.9929	169.3	1.9246	139.4	1.8692	164.2	1.9772	161.7	1.9671
DEC	74	75	163.5	1.9832	171.8	1.8974	141.9	1.8325	165.3	1.9634	163.1	1.9520
JAN	75	75	165.6	1.9582	177.3	1.8380	143.2	1.8163	169.2	1.9301	165.7	1.9202
FEB	75	75	166.6	1.9535	176.0	1.8513	144.0	1.8054	168.2	1.9297	165.8	1.9190
MAR	75	75	167.3	1.9381	176.7	1.8444	144.5	1.8007	169.4	1.9164	166.9	1.9064
APR	75	75	168.9	1.9198	177.9	1.8413	145.2	1.7910	170.7	1.9017	168.1	1.8921
MAY	75	75	170.4	1.9023	176.4	1.8268	145.6	1.7865	172.2	1.8649	169.6	1.8765
JUN	75	75	171.9	1.8853	177.5	1.8369	146.8	1.7718	173.2	1.8744	170.5	1.8656
JUL	75	76	172.6	1.8782	177.4	1.8366	147.3	1.7582	173.7	1.8688	171.1	1.8592
AUG	75	76	174.2	1.8609	178.1	1.8296	146.9	1.7706	175.1	1.8538	172.3	1.8467
SEP	75	76	175.1	1.8515	179.1	1.8193	147.6	1.7623	176.0	1.8442	173.2	1.8373
OCT	75	76	176.3	1.8394	179.5	1.8159	147.4	1.7646	177.0	1.8341	174.0	1.8282
NOV	75	76	177.8	1.8235	179.1	1.8197	147.5	1.7631	178.1	1.8226	175.0	1.8176
DEC	75	76	178.7	1.8149	181.6	1.7947	148.7	1.7492	179.3	1.8105	176.2	1.8052
JAN	76	76	179.1	1.8104	185.0	1.7615	149.6	1.7382	180.4	1.7993	177.3	1.7941
FEB	76	76	180.7	1.7945	185.3	1.7592	149.5	1.7401	181.7	1.7865	178.5	1.7826
MAR	76	76	181.6	1.7834	186.3	1.7493	149.8	1.7364	182.8	1.7757	179.5	1.7724
APR	76	76	181.2	1.7896	184.4	1.7674	149.9	1.7356	181.9	1.7846	178.7	1.7805
MAY	76	76	182.9	1.7731	186.6	1.7468	150.8	1.7252	183.7	1.7672	180.4	1.7637
JUN	76	76	183.0	1.7720	187.3	1.7401	151.8	1.7134	183.9	1.7648	180.7	1.7605
JUL	76	7T	185.7	1.7463	190.9	1.7156	152.8	1.7028	186.6	1.7394	183.2	1.7363
AUG	76	7T	185.7	1.7460	192.6	1.6992	153.3	1.6967	187.3	1.7332	183.9	1.7302
SEP	76	7T	186.9	1.7349	194.0	1.6796	154.0	1.6892	188.5	1.7225	185.3	1.7195
OCT	76	77	189.2	1.7140	194.7	1.6741	155.1	1.6776	190.4	1.7050	186.9	1.7027
NOV	76	77	189.7	1.7089	195.3	1.6685	155.7	1.6719	191.0	1.6997	187.4	1.6973
DEC	76	77	190.6	1.7013	196.7	1.6566	158.7	1.6368	191.9	1.6911	188.5	1.6867
JAN	77	77	191.8	1.6928	198.6	1.6411	160.5	1.6209	193.2	1.6804	189.9	1.6753
FEB	77	77	192.3	1.6858	199.8	1.6307	160.0	1.6262	194.0	1.6732	190.6	1.6692
MAR	77	77	193.4	1.676[illegible]	202.7	1.6075	160.2	1.6236	195.5	1.6604	192.3	1.6573
APR	77	77	195.3	1.666[illegible]	202.7	1.6077	161.0	1.6158	197.0	1.6482	193.4	1.6455
MAY	77	77	196.7	1.6485	206.4	1.5792	162.1	1.6044	198.3	1.6325	195.2	1.6302
JUN	77	77	197.4	1.6426	208.5	1.5652	163.9	1.5869	199.9	1.6242	196.3	1.6210
JUL	77	77	198.9	1.6293	210.2	1.5505	164.7	1.5791	201.4	1.6115	197.8	1.6088
AUG	77	77	200.2	1.6194	210.5	1.5494	[illegible]	1.5704	[illegible]	1.6135	198.1	1.6035
SEP	77	77	201.2	1.611[illegible]	211.3	1.5425	167.9	1.5499	203.5	1.5954	199.3	1.5915
OCT	77	78	200.7	1.615[illegible]	212.7	[illegible]	172.2	1.5104	207.4	1.5761	200.3	1.5888
NOV	77	78	202.7	1.5993	213.0	1.5301	173.3	1.5011	205.1	1.5838	201.8	1.5767
DEC	77	78	[illegible]	[illegible]	215.3	[illegible]	[illegible]	1.4816	205.1	1.5749	203.1	1.5669
JAN	78	78	[illegible]	[illegible]	214.0	1.5305	174.2	1.4594	207.0	1.5683	204.1	1.5585
FEB	78	78	207.4	[illegible]	[illegible]	1.5124	[illegible]	[illegible]	209.5	1.5510	206.3	1.5425

HISTORICAL INFLATION
MONTHLY INDICES

	CY	FY	AIRFRAME PRODUCTION INDEX CY67=100.0	AIRFRAME PRODUCTION FACTOR FY82=1.0000	ENGINE PRODUCTION INDEX CY67=100.0	ENGINE PRODUCTION FACTOR FY82=1.0000	AVIONICS PRODUCTION INDEX CY67=100.0	AVIONICS PRODUCTION FACTOR FY82=1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82=1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82=1.0000
MAR	78	78	206.4	1.5560	214.2	1.5215	179.6	1.4487	209.7	1.5481	206.7	1.5395
APR	78	78	210.0	1.5441	214.1	1.5223	179.7	1.4476	210.9	1.5391	207.6	1.5312
MAY	78	78	210.6	1.5397	215.2	1.5141	180.[illegible]	1.4435	211.6	1.5339	208.[illegible]	1.5261
JUN	78	78	211.4	1.5339	217.6	1.4975	181.6	1.4322	212.8	1.5256	209.7	1.5175
JUL	78	78	213.5	1.5187	220.1	1.4809	183.3	1.4155	214.9	1.5132	211.8	1.5029
AUG	78	78	216.4	1.4982	221.7	1.4697	184.0	1.4135	217.6	1.4918	214.2	1.4851
SEP	78	78	217.2	1.4918	223.2	1.4604	186.4	1.3952	218.6	1.4847	215.4	1.4769
OCT	78	79	221.1	1.4664	223.5	1.4582	186.8	1.3922	221.6	1.4646	218.2	1.4584
NOV	78	79	223.6	1.4504	223.3	1.4592	187.9	1.3843	223.5	1.4523	220.0	1.4465
DEC	78	79	225.1	1.4404	228.5	1.4262	191.1	1.3610	225.9	1.4372	222.4	1.4307
JAN	79	79	227.5	1.4245	228.4	1.4267	191.5	1.3580	227.8	1.4250	224.2	1.4192
FEB	79	79	227.9	1.4229	229.7	1.4187	192.7	1.3501	228.3	1.4219	224.7	1.4158
MAR	79	79	228.6	1.4183	231.5	1.4078	193.1	1.3469	229.3	1.4159	225.6	1.4100
APR	79	79	229.8	1.4112	233.8	1.3941	193.4	1.3447	230.6	1.4074	226.9	1.4020
MAY	79	79	233.3	1.3896	241.3	1.3508	194.7	1.3358	235.1	1.3809	231.0	1.3771
JUN	79	79	234.2	1.3847	245.1	1.3294	197.2	1.3189	236.6	1.3720	232.7	1.3675
JUL	79	79	237.0	1.3678	249.3	1.3073	199.3	1.3050	239.8	1.3539	235.7	1.3497
AUG	79	79	238.1	1.3620	251.4	1.2964	201.3	1.2924	241.0	1.3468	237.9	1.3422
SEP	79	79	240.6	1.3510	253.4	1.2859	204.3	1.2730	243.0	1.3359	239.1	1.3305
OCT	79	80	245.5	1.3192	272.2	1.1971	205.1	1.2684	251.7	1.2898	247.[illegible]	1.2881
NOV	79	80	252.1	1.2855	282.2	1.1547	207.1	1.2559	258.8	1.2544	253.6	1.2545
DEC	79	80	254.4	1.2746	287.1	1.1352	212.5	1.2241	261.6	1.2406	256.7	1.2393
JAN	80	80	256.3	1.2652	284.2	1.1469	215.3	1.2084	262.5	1.2367	257.8	1.2344
FEB	80	80	256.7	1.2532	310.5	1.0497	217.6	1.1955	270.2	1.2013	265.0	1.2008
MAR	80	80	259.7	1.2494	312.5	1.0428	219.8	1.1837	271.5	1.1958	266.3	1.1948
APR	80	80	265.0	1.2235	292.9	1.1127	221.9	1.1722	271.2	1.1969	266.3	1.1948
MAY	80	80	267.2	1.2134	294.5	1.1067	222.8	1.1675	275.3	1.1879	268.2	1.1862
JUN	80	80	269.4	1.2037	295.6	1.1025	226.5	1.1461	275.2	1.1795	270.3	1.1769
JUL	80	80	272.8	1.1887	297.2	1.0965	226.7	1.1376	279.2	1.1668	273.2	1.1644
AUG	80	80	275.[illegible]	1.1791	299.9	1.0866	230.2	1.1301	280.5	1.1572	275.5	1.1543
SEP	80	80	276.0	1.1746	300.0	1.0864	232.1	1.1206	281.4	1.1537	276.4	1.1509
OCT	80	81	280.9	1.1542	299.7	1.0873	235.0	1.1166	285.1	1.1385	279.9	1.1367
NOV	80	81	285.7	1.1356	301.4	1.0811	234.8	1.1076	289.2	1.1225	283.7	1.1213
DEC	80	81	287.5	1.1206	302.4	1.0776	236.9	1.0979	290.[illegible]	1.1163	285.4	1.1146
JAN	81	81	290.5	1.116[illegible]	305.[illegible]	1.0673	239.5	1.0861	295.[illegible]	1.1149	288.4	1.1033
FEB	81	81	292.7	1.1076	306.2	1.0642	241.1	1.0749	295.7	1.0976	290.2	1.0962
MAR	81	81	296.6	[illegible]	[illegible]	[illegible]	24[illegible].1	[illegible]	[illegible]	1.0861	293.2	1.0851
APR	81	81	297.[illegible]	[illegible]	310.[illegible]	[illegible]	[illegible]	1.0741	303.2	1.091[illegible]	294.[illegible]	1.0807
MAY	81	81	303.[illegible]	[illegible]	311.[illegible]	[illegible]	[illegible]	[illegible]	303.[illegible]	1.0706	297.3	1.07[illegible]
JUN	81	81	302.5	[illegible]	314.[illegible]	[illegible]	247.4	1.0514	[illegible]	1.0544	299.2	1.0654
JUL	81	81	304.4	[illegible]	316.1	[illegible]	[illegible]	1.0477	307.0	[illegible]	301.1	1.0566
AUG	81	81	[illegible]	[illegible]	318.[illegible]	[illegible]	[illegible]	1.0357	311.4	1.042[illegible]	305.5	1.0421
SEP	81	81	[illegible]	[illegible]	319.1	[illegible]	[illegible]	1.0371	311.7	1.041[illegible]	[illegible]	1.0412

HISTORICAL INFLATION
MONTHLY INDICES

	CY	FY	AIRFRAME PRODUCTION INDEX CY67=100.0	AIRFRAME PRODUCTION FACTOR FY82=1.0000	ENGINE PRODUCTION INDEX CY67=100.0	ENGINE PRODUCTION FACTOR FY82=1.0000	AVIONICS PRODUCTION INDEX CY67=100.0	AVIONICS PRODUCTION FACTOR FY82=1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82=1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82=1.0000
MAR	78	78	206.4	1.5560	214.2	1.5215	179.6	1.4487	209.7	1.5481	206.7	1.5395
APR	78	78	210.0	1.5441	214.1	1.5223	179.7	1.4476	210.9	1.5391	207.5	1.5312
MAY	78	78	210.6	1.5397	215.2	1.5141	180.2	1.4435	211.6	1.5339	208.5	1.5261
JUN	78	78	211.4	1.5339	217.6	1.4975	181.6	1.4322	212.8	1.5256	209.7	1.5175
JUL	78	78	213.5	1.5187	220.1	1.4809	183.3	1.4155	214.9	1.5132	211.8	1.5020
AUG	78	78	216.4	1.4982	221.7	1.4697	184.0	1.4135	217.6	1.4918	214.2	1.4851
SEP	78	78	217.3	1.4918	223.2	1.4604	186.4	1.3952	218.6	1.4847	215.4	1.4769
OCT	78	79	221.1	1.4664	223.5	1.4582	186.8	1.3922	221.6	1.4646	218.2	1.4584
NOV	78	79	223.6	1.4504	223.3	1.4592	187.9	1.3843	223.5	1.4523	220.0	1.4465
DEC	78	79	225.1	1.4404	226.5	1.4262	191.1	1.3610	225.9	1.4372	222.4	1.4307
JAN	79	79	227.5	1.4245	228.4	1.4267	191.5	1.3580	227.8	1.4250	224.2	1.4192
FEB	79	79	227.9	1.4229	229.7	1.4167	192.7	1.3501	228.3	1.4219	224.7	1.4158
MAR	79	79	228.6	1.4183	231.5	1.4078	193.1	1.3469	229.3	1.4159	225.6	1.4100
APR	79	79	229.8	1.4112	233.8	1.3941	193.4	1.3447	230.6	1.4074	226.9	1.4020
MAY	79	79	233.3	1.3896	241.3	1.3508	194.7	1.3358	235.1	1.3809	231.0	1.3771
JUN	79	79	234.2	1.3847	245.1	1.3294	197.2	1.3189	236.6	1.3720	232.7	1.3675
JUL	79	79	237.0	1.3678	249.3	1.3073	199.3	1.3050	239.8	1.3539	235.7	1.3497
AUG	79	79	238.1	1.3620	251.4	1.2964	201.3	1.2924	241.0	1.3468	237.0	1.3422
SEP	79	79	240.6	1.3510	253.4	1.2859	204.3	1.2730	243.0	1.3359	239.1	1.3305
OCT	79	80	245.5	1.3192	272.2	1.1971	205.1	1.2684	251.7	1.2898	247.1	1.2881
NOV	79	80	252.1	1.2855	282.2	1.1547	207.1	1.2559	256.8	1.2644	253.6	1.2545
DEC	79	80	254.4	1.2746	287.1	1.1352	212.5	1.2241	261.6	1.2406	256.7	1.2393
JAN	80	80	256.3	1.2652	284.2	1.1469	215.3	1.2084	262.5	1.2367	257.5	1.2344
FEB	80	80	258.7	1.2535	310.5	1.0497	217.6	1.1955	270.2	1.2013	265.0	1.2008
MAR	80	80	259.7	1.2484	312.5	1.0428	219.8	1.1837	271.5	1.1958	266.3	1.1948
APR	80	80	265.0	1.2235	292.9	1.1127	221.9	1.1722	271.2	1.1969	266.3	1.1948
MAY	80	80	267.2	1.2134	294.5	1.1067	222.8	1.1675	273.3	1.1879	268.2	1.1862
JUN	80	80	269.4	1.2037	295.6	1.1025	226.6	1.1481	275.2	1.1795	270.5	1.1769
JUL	80	80	272.8	1.1887	297.2	1.0965	226.7	1.1376	278.2	1.1668	273.2	1.1644
AUG	80	80	[illegible]	1.1791	299.9	1.0866	230.2	1.1301	280.5	1.1572	275.5	1.1543
SEP	80	80	[illegible]	1.1746	300.0	1.0864	232.1	1.1208	281.4	1.1537	276.4	1.1509
OCT	80	81	280.9	1.1542	299.7	1.0873	233.0	1.1166	285.1	1.1385	279.9	1.1367
NOV	80	81	285.7	1.1350	301.4	1.0811	234.8	1.1076	289.2	1.1225	283.7	1.1213
DEC	80	81	287.5	1.1266	302.4	1.0776	236.9	1.0979	290.8	1.1163	285.4	1.1148
JAN	81	81	290.5	1.1162	305.3	1.0673	239.5	1.0861	293.8	1.1149	288.4	1.1033
FEB	81	81	292.7	1.1076	306.2	1.0642	241.1	1.0738	295.7	1.0978	290.2	1.0962
MAR	81	81	296.6	[illegible]	309.8	[illegible]	242.1	1.0743	296.9	1.0861	293.2	1.0851
APR	81	81	297.7	[illegible]	310.2	[illegible]	[illegible]	1.0741	300.2	1.0815	294.4	1.0807
MAY	81	81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	303.2	1.0706	297.3	1.0703
JUN	81	81	302.5	[illegible]	314.2	[illegible]	247.4	1.0519	[illegible]	1.0544	299.2	1.0634
JUL	81	81	304.4	[illegible]	316.1	[illegible]	248.5	1.0477	307.0	1.0574	301.1	1.0566
AUG	81	81	309.6	1.0496	318.4	[illegible]	[illegible]	1.0357	311.4	1.0420	305.3	1.0421
SEP	81	81	[illegible]	1.0470	319.1	[illegible]	[illegible]	1.0371	311.7	1.0415	[illegible]	[illegible]

HISTORICAL INFLATION
MONTHLY INDICES

	CY	FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY82= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY82= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82= 1.0000
OCT	81	82	315.2	1.0288	322.3	1.0112	251.1	1.0362	316.8	1.0248	310.2	1.0257
NOV	81	82	317.8	1.0203	325.6	1.0166	252.1	1.0324	318.4	1.0195	311.8	1.0205
DEC	81	82	321.2	1.0094	325.6	1.0027	255.1	1.0197	322.1	1.0079	315.4	1.0089
JAN	82	82	322.9	1.0041	323.7	1.0069	259.6	1.0029	323.1	1.0047	316.7	1.0045
FEB	82	82	324.2	1.0001	325.7	1.0106	258.3	1.0070	324.5	1.0002	317.9	1.0008
MAR	82	82	323.6	1.0018	325.2	1.0022	259.6	1.0020	324.0	1.0019	317.6	1.0019
APR	82	82	322.7	1.0048	326.3	0.9989	260.5	0.9965	323.5	1.0035	317.2	1.0031
MAY	82	82	325.4	0.9955	325.7	1.0005	261.7	0.9939	325.5	0.9974	319.1	0.9971
JUN	82	82	327.0	0.9915	327.4	0.9954	262.3	0.9918	327.1	0.9923	320.6	0.9923
JUL	82	82	327.5	0.9957	329.0	0.9905	265.9	0.9784	327.7	0.9906	321.5	0.9896
AUG	82	82	331.2	0.9791	330.0	0.9875	266.8	0.9751	330.9	0.9810	324.5	0.9805
SEP	82	82	332.4	0.9755	329.9	0.9879	268.7	0.9681	331.8	0.9782	325.5	0.9774

HISTORICAL INFLATION
QUARTERLY INDICES

		AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
		INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=
QTR	CY	100.0	1.0001	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0001
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3	67	100.1	3.2391	99.5	3.2611	100.3	2.5938	100.1	3.2440	100.1	3.1769
4	67	102.0	3.1785	102.5	3.1787	101.2	2.5704	102.1	3.1789	102.0	3.1185
1	68	102.5	3.1621	103.7	3.1421	103.0	2.5247	102.8	3.1576	102.8	3.0942
2	68	102.4	3.1678	103.8	3.1390	103.5	2.5135	102.7	3.1613	102.9	3.0960
3	68	103.6	3.1236	105.0	3.1043	104.5	2.4877	104.1	3.1194	104.1	3.0559
4	68	107.0	3.0313	106.2	3.0594	105.3	2.4596	106.8	3.0397	106.7	2.9822
1	69	108.4	2.9902	108.1	3.0142	106.9	2.4338	108.4	2.9955	108.2	2.9431
2	69	109.3	2.9670	109.2	2.9833	107.6	2.4173	109.3	2.9706	109.1	2.9161
3	69	110.3	2.9405	110.8	2.9422	108.8	2.3902	110.4	2.9407	110.2	2.8864
4	69	113.6	2.8554	116.8	2.7913	109.7	2.3705	114.3	2.8408	113.8	2.7954
1	70	115.0	2.8195	120.5	2.7651	111.1	2.3409	116.2	2.7932	115.7	2.7497
2	70	115.7	2.8036	121.1	2.6912	112.7	2.3089	116.9	2.7777	116.4	2.7323
3	70	117.6	2.7562	122.1	2.6682	114.4	2.2739	118.6	2.7361	118.2	2.6913
4	70	119.9	2.7053	123.8	2.6321	115.9	2.2448	120.7	2.6886	120.2	2.6459
1	71	119.8	2.7076	125.2	2.6039	117.3	2.2171	121.0	2.6836	120.6	2.6382
2	71	120.6	2.6860	126.9	2.5684	117.9	2.2062	122.0	2.6604	121.6	2.6164
3	71	121.1	2.6770	126.8	2.5303	118.0	2.2038	122.8	2.6428	122.3	2.6005
4	71	122.7	2.6434	129.7	2.5128	117.5	2.2135	124.2	2.6131	123.6	2.5751
1	72	125.0	2.5937	130.9	2.4960	119.4	2.1784	126.3	2.5698	125.6	2.5326
2	72	128.7	2.5201	130.8	2.4916	120.5	2.1589	129.1	2.5137	128.3	2.4804
3	72	128.9	2.5146	128.7	2.5316	121.6	2.1383	128.9	2.5184	128.2	2.4823
4	72	133.1	2.4353	138.2	2.5032	122.3	2.1271	132.5	2.4501	131.5	2.4201
1	73	134.8	2.4062	131.5	2.4790	123.1	2.1131	134.0	2.4220	132.9	2.3954
2	73	136.3	2.3642	134.1	2.4309	124.3	2.0929	135.6	2.3944	134.4	2.3665
3	73	138.0	2.3510	136.6	2.3866	125.9	2.0654	137.7	2.3581	136.5	2.3311
4	73	142.1	2.2618	138.7	2.3492	128.1	2.0312	141.3	2.2965	140.0	2.2722
1	74	145.9	2.2225	141.9	2.2965	129.6	2.0071	145.0	2.2386	143.5	2.2177
2	74	151.5	2.1543	151.8	2.1466	132.5	1.9626	151.8	2.1526	149.0	2.1357
3	74	156.7	2.0683	164.4	1.9825	136.[illegible]	1.9122	158.4	2.0489	156.2	2.0371
4	74	162.5	1.9954	169.9	1.9182	139.8	1.8608	164.1	1.9777	161.7	1.9675
1	75	166.3	1.9499	176.7	1.8445	143.9	1.8076	168.6	1.9254	166.1	1.9152
2	75	170.4	1.9025	177.6	1.8347	145.9	1.7831	172.0	1.8870	169.4	1.8789
3	75	174.3	1.8635	178.2	1.8285	147.5	1.7637	174.9	1.8555	172.2	1.8477
4	75	177.0	1.8259	180.1	1.8160	147.9	1.7589	178.1	1.8223	175.1	1.8169
1	76	180.5	1.7969	185.5	1.7566	149.0	1.7382	181.6	1.7971	178.4	1.7830
2	76	182.3	1.7782	186.1	1.7514	150.8	1.7247	183.2	1.7721	179.9	1.7682
3	76	186.1	1.7424	192.[illegible]	1.69[illegible]	157.[illegible]	1.696[illegible]	187.5	1.7316	184.1	1.7286
4	76	189.8	1.7041	19[illegible].6	1.6664	15[illegible]	1.6622	191.1	1.6986	187.5	1.6955
1	77	192.5	[illegible]	200.4	1.6263	[illegible]	1.6256	194.2	1.6713	190.6	1.6673
2	77	196.3	1.6534	205.9	[illegible]	162.3	1.6323	193.6	1.6549	194.3	1.6322
3	77	200.1	1.6[illegible]1	21[illegible].6	1.5476	166.1	1.5569	[illegible]	1.6354	199.9	1.6002
4	77	202.[illegible]	[illegible]	217.7	1.5[illegible]	175.7	1.4976	[illegible]	1.5849	201.7	1.5774

HISTORICAL INFLATION
QUARTERLY INDICES

		AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
		INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR
QTR	CY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
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1	78	207.1	1.5666	214.3	1.5207	178.9	1.4540	208.7	1.5556	205.7	1.5468
2	78	210.7	1.5392	215.7	1.5112	180.5	1.4411	211.3	1.5329	208.6	1.5249
3	78	215.7	1.5029	221.7	1.4703	184.7	1.4080	217.1	1.4955	213.8	1.4879
4	78	223.3	1.4523	225.1	1.4477	188.6	1.3790	223.7	1.4513	220.2	1.4451
1	79	228.0	1.4219	229.9	1.4177	192.4	1.3517	228.4	1.4209	224.3	1.4150
2	79	232.4	1.3952	240.1	1.3576	195.1	1.3330	234.1	1.3866	230.2	1.3821
3	79	238.4	1.3602	251.4	1.2965	201.6	1.2900	241.3	1.3455	237.3	1.3408
4	79	250.7	1.2931	280.5	1.1618	208.2	1.2492	257.4	1.2613	252.4	1.2603
1	80	258.2	1.2556	302.4	1.0778	217.5	1.1958	268.1	1.2110	263.0	1.2097
2	80	267.2	1.2135	294.3	1.1173	223.8	1.1625	273.2	1.1981	268.3	1.1859
3	80	274.6	1.1808	299.0	1.0898	230.3	1.1294	280.0	1.1592	275.1	1.1567
4	80	284.7	1.1389	301.2	1.0820	234.9	1.1073	288.4	1.1257	283.0	1.1242
1	81	293.1	1.1064	306.8	1.0622	240.9	1.0797	296.1	1.0962	290.6	1.0948
2	81	301.1	1.0805	312.3	1.0436	244.4	1.0642	302.8	1.0721	297.0	1.0714
3	81	307.[illegible]	1.0555	317.9	1.0252	249.8	1.0411	310.0	1.0471	304.0	1.0466
4	81	318.1	1.0194	322.6	1.0101	252.7	1.0234	319.1	1.0175	312.4	1.0183
1	82	323.6	1.0020	324.9	1.0032	259.2	1.0037	323.9	1.0023	317.4	1.0024
2	82	325.0	0.9975	326.5	0.9983	261.5	0.9947	325.4	0.9977	319.0	0.9975
3	82	330.3	0.9817	329.6	0.9887	267.1	0.9759	330.1	0.9833	323.8	0.9825

HISTORICAL INFLATION
FISCAL YEAR INDICES

	AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
FY	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000
68	101.7	3.1867	102.5	3.1794	102.0	2.5501	101.9	3.1851	101.3	3.1215
69	107.1	3.0283	107.1	3.0421	106.2	2.4493	107.1	3.0303	107.0	2.9726
70	113.3	2.8537	117.3	2.7789	110.6	2.3522	114.4	2.8367	114.0	2.7897
71	119.5	2.7141	124.5	2.6174	116.4	2.2350	120.6	2.6919	120.2	2.6476
72	124.4	2.6072	130.0	2.5061	118.9	2.1854	125.6	2.5839	124.9	2.5463
73	133.2	2.4341	131.1	2.4856	122.8	2.1177	132.7	2.4454	131.8	2.4146
74	144.1	2.2498	142.3	2.2910	129.0	2.0159	143.7	2.2589	142.2	2.2368
75	164.0	1.9773	172.1	1.8931	141.4	1.8396	165.8	1.9579	163.4	1.9476
76	178.6	1.8153	182.5	1.7860	149.0	1.7462	179.5	1.8087	176.4	1.8034
7T	186.1	1.7424	192.3	1.6950	153.4	1.6962	187.5	1.7316	184.1	1.7286
77	194.7	1.6651	203.1	1.6046	161.3	1.6128	195.6	1.6512	193.1	1.6463
78	208.9	1.5519	216.3	1.5066	179.5	1.4494	210.6	1.5415	207.5	1.5336
79	230.5	1.4066	236.6	1.3774	194.5	1.3377	231.9	1.4000	228.1	1.3947
80	262.7	1.2343	294.1	1.1082	220.0	1.1826	269.7	1.2037	264.7	1.2020
81	296.4	1.0939	309.5	1.0528	242.5	1.0726	299.3	1.0845	293.6	1.0835
82	324.2	1.0000	325.9	1.0000	260.1	1.0000	324.6	1.0000	318.2	1.0000

APPENDIX G

ANNUAL DATA FOR THE HISTORICAL INFLATION PROGRAM

RAW MATERIAL PORTION ONLY

CALENDAR YEAR DATA

PRE-1953

*** RAW MATERIAL ONLY ***

CY	PPI-37	PPI-1.	SIC372
1947	70.50	54.90	0.000
1948	72.60	62.50	0.000
1949	70.50	63.00	0.000
1950	85.90	65.30	0.000
1951	105.40	73.80	0.000
1952	95.50	73.90	0.000
1953	89.10	76.30	0.000
1954	90.40	76.90	0.000
1955	102.40	82.10	0.000
1956	113.60	89.20	0.000
1957	103.46	91.30	0.309

CALENDAR YEAR DATA

CY	1 667X RUDDER	2 130262 CR STL	3 130264 STNLS	4 1516XX CAST	5 156151 FORGE	6 221111 LEAD	7 220151 MAGNES	8 250111 ALUMN	9 250113 SC.STK	10 250117 EXTRU	11 2502XX CP/BRS	12 250464 MONEL	13 2505XX TI.MIL	14 1173XX ELECT	15 ELECT 367X	16 ACFT 3721	17 ENG 3724	18 OTHER 3725
	MATERIALS														LABOR			
1958	195.30	93.10	125.70	93.21	93.20	66.70	100.00	107.60	107.60	107.60	74.10	70.50	149.50	99.90	0.00	0.00	0.00	0.00
1959	102.90	94.70	121.50	96.40	96.40	87.20	100.00	106.30	106.10	106.00	80.50	70.50	122.40	99.50	1.00	0.63	0.00	0.00
1960	103.10	94.70	120.20	96.80	96.80	85.20	100.00	110.80	110.80	110.80	81.70	87.20	117.90	98.20	1.00	0.00	0.00	0.00
1961	99.20	94.70	118.60	97.00	97.00	77.60	100.00	111.30	111.30	111.30	75.00	89.40	108.10	98.20	0.00	0.00	0.00	0.00
1962	96.30	94.70	115.40	97.00	97.60	68.70	100.00	108.70	108.70	108.70	73.30	91.60	101.00	96.70	0.00	0.00	0.00	0.00
1963	95.60	56.90	107.00	97.00	97.00	79.60	100.00	102.90	102.90	102.90	73.40	91.60	97.30	95.70	0.00	0.00	0.00	0.00
1964	95.50	98.60	94.40	97.10	97.10	97.00	100.00	101.40	101.40	101.40	78.50	90.60	97.30	95.10	0.00	0.00	0.00	0.00
1965	95.90	98.50	91.40	96.10	96.10	114.30	100.00	99.40	99.40	99.40	86.10	90.00	98.80	95.10	0.00	0.00	0.00	0.00
1966	97.80	98.00	91.60	99.00	97.90	107.20	100.00	98.50	98.50	98.50	99.00	94.20	100.00	97.70	0.00	0.00	0.00	0.00
1967	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
1968	103.40	104.70	103.10	105.70	102.00	94.60	100.00	132.40	95.60	102.40	117.30	105.20	99.30	99.20	0.00	0.00	0.00	0.00
1969	105.30	109.50	112.50	113.40	108.10	106.50	100.00	109.70	91.00	112.00	119.20	112.20	98.00	100.70	0.00	0.00	0.00	0.00
1970	108.30	116.40	130.90	115.50	117.10	112.10	100.00	110.60	93.40	120.60	130.60	132.10	95.50	101.00	0.00	0.00	0.00	0.00
1971	109.10	123.40	135.00	125.30	122.90	99.00	102.70	106.70	93.40	121.40	118.60	139.70	102.30	102.40	0.00	0.00	0.00	0.00
1972	110.30	133.00	126.40	129.00	130.50	109.00	103.60	104.80	93.50	123.20	124.30	140.40	107.00	103.40	0.00	0.00	0.00	0.00
1973	112.40	135.30	122.10	132.20	136.90	117.00	106.40	105.20	93.40	125.10	141.70	148.20	109.20	104.40	0.00	0.00	0.00	0.00
1974	136.20	167.60	157.10	163.90	161.80	159.10	173.20	136.40	128.60	150.90	182.70	173.50	132.50	111.40	0.00	0.00	0.00	0.00
1975	159.20	189.30	165.30	196.80	191.90	154.10	228.10	152.60	145.40	167.00	149.90	219.60	168.80	115.50	0.00	0.00	0.00	0.00
1976	159.20	205.40	168.50	216.30	215.20	163.80	249.00	175.30	153.50	162.90	153.90	241.50	171.80	115.80	0.30	0.00	0.00	0.00
1977	167.60	230.00	197.10	234.40	235.90	219.30	275.60	200.80	163.50	211.50	156.40	259.10	170.20	119.50	0.00	0.00	0.00	0.00
1978	174.80	255.90	197.60	257.30	264.50	240.90	279.10	235.50	174.20	231.10	171.60	263.40	173.10	126.90	0.00	0.00	0.00	0.00
1979	194.30	262.20	218.80	291.90	297.00	378.30	294.90	245.20	191.60	255.10	215.30	318.40	211.40	135.80	0.00	0.00	0.00	0.00
1980	217.40	296.00	227.00	327.80	337.60	310.70	324.10	248.90	215.40	289.60	252.00	389.60	285.40	156.30	0.00	0.30	0.00	0.00
1981	232.00	333.20	251.00	360.50	379.60	267.50	362.30	251.70	324.10	308.80	222.20	376.90	362.60	168.10	0.00	0.00	0.00	0.00

APPENDIX H

MONTHLY DATA FOR THE HISTORICAL INFLATION PROGRAM

RAW MATERIAL PORTION ONLY

MONTHLY DATA

CY/MO	1 307X RUBBER	2 130262 CR STL	3 130264 STNLS	4 1306XX CAST	5 130151 FORGE	6 220111 LEAD	7 220151 MAGNES	8 250101 ALUMN	9 250113 SC.STK	10 250117 EXTRU	11 2502XX CP/BRS	12 251465 MONEL	13 2505XX TI.AIL	14 1176XX ELECT	15 ELECT 367X	16 ACFT 3721	17 ENG 3724	18 OTHER 3725	FY
	MATERIALS														LABOR				
67JUL	98.80	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.70	98.90	100.00	99.80	0.00	0.00	0.00	0.00	68
67AUG	100.60	100.00	99.10	100.00	99.50	100.00	100.00	100.10	100.10	100.10	95.60	98.90	100.00	99.70	0.00	0.00	0.00	0.00	68
67SEP	101.50	100.00	99.10	100.00	100.20	100.00	100.00	100.10	100.10	100.10	98.40	98.90	100.00	99.50	0.00	0.00	0.00	0.00	68
67OCT	101.50	100.00	101.00	100.00	100.20	100.00	100.00	100.10	100.10	100.10	100.60	103.20	100.00	99.40	0.00	0.00	0.00	0.00	68
67NOV	102.40	100.00	103.20	102.00	101.30	100.00	100.00	100.10	100.10	100.10	105.10	103.20	100.00	99.10	0.00	0.00	0.00	0.00	68
67DEC	102.30	100.00	103.20	102.30	101.30	100.10	100.00	100.10	100.10	100.10	117.50	103.20	100.00	99.90	0.00	0.00	0.00	0.00	68
68JAN	102.40	103.40	103.20	102.90	101.40	100.00	100.00	100.10	100.10	100.10	115.10	103.20	100.00	99.70	0.00	0.00	0.00	0.00	68
68FEB	102.50	103.40	103.20	103.10	101.40	100.00	100.00	100.10	100.10	100.10	119.50	105.40	100.00	99.40	0.00	0.00	0.00	0.00	68
68MAR	102.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	120.20	105.40	100.00	99.10	0.00	0.00	0.00	0.00	68
68APR	102.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	122.20	105.40	99.20	99.40	0.00	0.00	0.00	0.00	68
68MAY	102.70	103.40	103.20	104.00	101.40	92.90	100.00	100.10	100.10	100.10	107.40	105.40	99.20	99.50	0.00	0.00	0.00	0.00	68
68JUN	103.00	103.40	103.20	105.40	101.40	92.90	100.00	103.30	101.60	101.50	102.70	105.40	99.20	99.10	0.00	0.00	0.00	0.00	68
68JUL	103.50	103.40	103.20	106.80	101.40	92.90	100.00	104.20	101.60	104.50	99.30	105.40	99.20	99.00	0.00	0.00	0.00	0.00	69
68AUG	104.00	103.40	104.10	106.00	101.40	89.20	100.00	104.20	101.60	104.50	98.90	105.40	99.20	99.00	0.00	0.00	0.00	0.00	69
68SEP	104.00	107.20	103.30	108.00	101.40	89.20	100.00	104.20	86.20	104.50	98.90	105.40	99.20	99.00	0.00	0.00	0.00	0.00	69
68OCT	104.20	107.20	103.30	108.00	101.70	92.90	100.00	104.20	86.20	104.50	99.10	105.40	99.20	99.00	0.00	0.00	0.00	0.00	69
68NOV	104.30	107.20	102.20	108.00	104.50	92.90	100.00	104.20	86.20	104.50	101.00	105.40	99.20	99.10	0.00	0.00	0.00	0.00	69
68DEC	104.40	107.20	102.20	108.00	105.60	92.90	100.00	104.20	86.20	104.50	102.60	105.40	99.20	99.10	0.00	0.00	0.00	0.00	69
69JAN	103.20	107.20	105.40	109.50	105.60	96.50	100.00	104.20	86.20	104.50	119.30	110.50	99.20	98.90	0.00	0.00	0.00	0.00	69
69FEB	103.80	107.20	105.40	109.50	105.60	100.00	100.00	108.30	90.50	108.90	109.20	110.50	99.20	100.20	0.00	0.00	0.00	0.00	69
69MAR	104.10	107.20	105.40	110.50	105.60	100.00	100.00	109.30	90.50	109.40	116.40	110.50	99.20	100.40	0.00	0.00	0.00	0.00	69
69APR	104.40	107.20	106.20	110.50	105.80	103.50	100.00	110.50	89.60	110.70	113.00	110.50	99.20	100.60	0.00	0.00	0.00	0.00	69
69MAY	104.20	107.20	106.40	113.60	106.10	103.50	100.00	110.50	89.60	112.00	116.10	110.50	99.20	100.60	0.00	0.00	0.00	0.00	69
69JUN	104.30	107.20	110.60	113.60	107.80	107.10	100.00	110.50	89.80	112.30	116.50	110.50	99.20	100.60	0.00	0.00	0.00	0.00	69
69JUL	105.70	107.20	110.60	113.60	108.70	110.70	100.00	110.50	89.80	112.30	118.40	110.50	99.20	100.50	0.00	0.00	0.00	0.00	70
69AUG	106.10	112.90	110.60	115.30	108.70	110.70	100.00	110.50	91.00	112.80	123.20	110.50	99.20	100.60	0.00	0.00	0.00	0.00	70
69SEP	105.60	112.90	110.60	116.30	109.10	110.70	100.00	110.50	93.40	112.30	127.00	110.50	95.50	101.20	0.00	0.00	0.00	0.00	70
69OCT	106.60	112.90	126.00	116.30	109.10	110.70	100.00	110.50	93.40	114.10	127.00	110.50	95.50	101.40	0.00	0.00	0.00	0.00	70
69NOV	107.50	112.90	126.00	116.30	110.70	110.70	100.00	110.50	93.40	116.60	127.80	110.50	95.50	101.70	0.00	0.00	0.00	0.00	70
69DEC	107.50	112.90	125.80	116.30	113.50	114.30	100.00	110.50	93.40	117.80	131.80	130.90	95.50	101.40	0.00	0.00	0.00	0.00	70
70JAN	107.80	107.50	130.90	117.90	114.80	117.90	100.00	110.60	93.40	117.80	135.70	130.90	95.50	101.40	0.00	0.00	0.00	0.00	70
70FEB	107.70	113.10	130.90	117.90	114.90	117.90	100.00	110.60	93.40	117.80	135.00	130.90	95.50	100.20	0.00	0.00	0.00	0.00	70
70MAR	107.60	113.10	130.90	117.90	115.30	117.90	100.00	110.60	93.40	117.80	132.00	130.90	95.50	100.20	0.00	0.00	0.00	0.00	70
70APR	107.50	113.10	130.70	117.90	115.30	117.90	100.00	110.60	93.40	119.00	135.10	130.90	95.50	100.60	0.00	0.00	0.00	0.00	70
70MAY	107.20	113.10	130.90	117.90	115.70	117.90	100.00	110.60	93.40	121.50	135.70	130.90	95.50	99.80	0.00	0.00	0.00	0.00	70
70JUN	107.10	119.40	130.90	117.90	117.30	117.90	100.00	110.60	93.40	121.70	136.70	130.90	95.50	101.20	0.00	0.00	0.00	0.00	70
70JUL	108.50	119.40	130.90	120.40	118.40	110.80	100.00	110.60	93.40	121.70	133.20	130.90	95.50	101.20	0.00	0.00	0.00	0.00	71
70AUG	109.20	119.40	130.90	120.40	118.40	107.10	100.00	110.60	93.50	121.70	132.40	130.90	95.50	101.00	0.00	0.00	0.00	0.00	71
70SEP	109.20	119.40	130.90	120.40	118.40	105.40	100.00	110.60	93.50	121.90	124.60	133.10	95.50	101.50	0.00	0.00	0.00	0.00	71
70OCT	109.10	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	123.90	133.10	95.50	101.50	0.00	0.00	0.00	0.00	71
70NOV	[illegible]	119.40	130.90	121.60	118.40	105.40	100.60	110.60	93.50	121.90	123.10	135.00	95.50	101.90	0.00	0.00	0.00	0.00	71
70DEC	109.20	119.40	130.90	121.60	117.30	103.60	100.00	110.60	93.50	121.90	115.30	136.00	95.50	101.90	0.00	0.00	0.00	0.00	71
71JAN	110.30	119.40	130.80	122.60	119.80	96.40	103.60	111.60	93.40	121.50	115.20	136.00	100.00	102.80	0.00	0.00	0.00	0.00	71
71FEB	109.00	119.40	130.80	122.60	119.80	96.40	103.60	108.60	93.40	121.50	115.20	136.00	100.30	103.30	0.00	0.00	0.00	0.00	71
71MAR	109.00	119.40	130.80	122.60	117.80	96.40	103.60	108.60	93.40	121.50	117.60	141.40	101.70	103.70	0.00	0.00	0.00	0.00	71
71APR	108.60	119.40	130.80	125.20	119.80	96.40	103.60	108.60	93.40	121.50	120.50	140.40	103.70	103.10	0.00	0.00	0.00	0.00	71
71MAY	108.60	119.40	130.80	125.20	121.70	96.40	103.60	108.60	93.40	121.50	124.00	140.40	103.70	102.70	0.00	0.00	0.00	0.00	71
71JUN	108.60	119.40	138.10	125.80	124.30	96.40	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.00	0.00	0.00	0.00	0.00	71
71JUL	109.40	127.40	138.10	125.90	124.80	101.80	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.10	0.00	0.00	0.00	0.00	72
71AUG	109.80	127.40	138.10	126.80	125.00	101.80	103.60	108.60	93.40	121.50	120.00	140.40	103.70	103.20	0.00	0.00	0.00	0.00	72
71SEP	109.60	127.40	138.10	[illegible]	125.00	[illegible]	100.60	108.50	93.40	121.50	119.50	140.40	103.70	102.80	0.00	0.00	0.00	0.00	72

M O N T H L Y   D A T A

	MATERIALS													LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	0076	131202	131204	131XXX	150151	220111	226151	259101	255113	256117	2542XX	251463	2505XX	117XXX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.NIL	ELECT	367X	3721	3724	372-	FY
71OCT	109.40	127.40	134.10	126.80	125.00	101.80	100.60	108.60	93.40	121.50	[illegible]	140.40	103.70	102.80	0.00	0.60	0.00	0.00	72
71NOV	109.31	127.40	136.11	126.80	125.00	111.30	100.80	108.60	93.40	120.90	114.10	140.40	103.70	102.60	0.00	0.00	0.00	0.00	72
71DEC	109.30	127.40	137.10	126.80	125.00	101.10	100.80	108.60	93.40	120.90	117.70	140.40	103.70	102.50	0.00	0.00	0.00	0.00	72
72JAN	109.50	124.10	137.10	127.60	127.60	101.10	103.60	105.60	93.40	121.60	119.70	140.40	103.70	102.40	0.00	0.00	0.00	0.00	72
72FEB	109.20	134.50	137.10	127.60	129.60	103.50	103.60	105.60	93.40	121.60	121.60	140.40	106.50	103.40	0.00	0.00	0.00	0.00	72
72MAR	108.90	134.50	138.10	127.60	129.70	110.70	103.60	105.10	93.40	121.60	125.40	140.40	107.10	103.40	0.00	0.00	0.00	0.00	72
72APR	109.70	134.50	136.10	127.80	129.70	110.70	103.60	105.10	93.40	123.10	125.30	140.40	107.10	103.20	0.00	0.00	0.00	0.00	72
72MAY	108.50	134.50	138.1	127.80	130.70	112.50	103.60	105.10	94.90	123.80	125.50	140.40	107.40	104.00	0.00	0.00	0.00	0.00	72
72JUN	108.90	134.50	120.40	127.80	130.80	112.50	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.90	0.00	0.00	0.00	0.00	72
72JUL	109.20	134.50	120.40	127.60	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	104.00	0.00	0.00	0.00	0.00	73
72AUG	109.50	134.50	117.50	130.90	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	103.70	0.00	0.00	0.00	0.00	73
72SEP	109.50	134.50	117.50	130.90	131.30	110.70	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.30	1.00	0.00	0.00	0.00	73
72OCT	109.50	134.50	117.50	130.90	131.30	110.70	103.60	103.70	93.40	123.80	125.10	140.40	107.40	103.20	0.00	0.00	0.00	0.00	73
72NOV	109.80	134.50	117.50	130.90	131.30	108.90	103.60	103.70	93.40	123.80	125.70	140.40	107.40	103.20	0.00	0.00	0.00	0.00	73
72DEC	109.80	134.50	117.50	130.90	132.00	108.90	103.60	103.70	93.40	123.80	125.90	140.40	107.40	103.30	0.00	0.20	0.00	0.00	73
73JAN	110.30	134.50	117.50	130.90	132.00	108.90	106.40	103.70	93.40	123.80	126.20	140.40	107.40	103.60	1.00	0.00	0.00	0.00	73
73FEB	110.10	134.50	117.50	130.90	132.00	110.70	106.40	103.70	93.40	123.80	127.90	140.40	107.40	103.60	0.00	0.00	0.00	0.00	73
73MAR	110.30	134.50	117.50	130.90	134.00	114.30	106.40	103.70	93.40	123.80	137.00	149.80	107.40	103.70	0.00	0.00	0.00	0.00	73
73APR	110.60	134.50	117.50	132.30	136.00	114.30	106.40	104.40	93.40	123.80	138.50	149.80	107.10	104.00	0.00	0.00	0.00	0.03	73
73MAY	111.50	134.30	123.40	132.30	138.00	116.10	106.40	104.40	93.40	125.20	141.90	149.80	106.40	104.40	0.00	0.30	0.00	0.00	73
73JUN	112.60	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.60	142.10	149.80	108.20	104.50	0.00	0.00	0.00	0.00	73
73JUL	112.90	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.20	141.60	149.80	108.20	104.60	0.00	0.00	0.00	0.00	74
73AUG	113.10	134.50	124.50	133.00	138.20	117.90	106.40	104.40	93.40	125.20	140.80	149.80	109.00	104.60	0.00	0.00	0.00	0.00	74
73SEP	112.50	134.50	124.50	133.00	138.20	117.90	106.40	105.60	93.40	125.20	145.50	149.80	111.10	104.60	0.00	0.00	0.00	0.00	74
73OCT	114.60	137.50	124.50	133.00	138.20	117.90	106.40	106.70	93.40	125.90	146.50	149.80	111.10	104.80	0.00	0.00	0.00	0.00	74
73NOV	114.80	137.50	124.60	133.00	138.90	117.90	106.40	107.20	93.40	126.90	154.30	149.80	112.30	104.90	0.00	0.00	0.00	0.00	74
73DEC	116.50	137.50	124.60	133.00	138.90	132.10	106.40	109.40	93.40	126.90	160.40	149.80	114.70	105.70	0.00	0.00	0.00	0.00	74
74JAN	117.70	137.50	126.80	142.60	142.20	135.70	116.80	117.80	102.00	130.20	165.20	149.80	114.70	106.20	0.00	0.00	1.00	0.00	74
74FEB	115.80	137.50	128.60	143.50	142.50	135.70	116.80	117.80	102.00	134.00	165.40	149.80	114.70	106.40	0.00	0.00	0.00	0.00	74
74MAR	123.80	142.10	134.50	147.50	144.40	135.70	123.75	117.30	106.90	136.10	170.50	149.80	121.80	107.20	0.00	0.00	0.00	0.00	74
74APR	129.40	146.60	140.10	143.50	145.20	144.60	130.70	125.00	110.40	144.50	189.00	149.80	121.80	108.30	0.00	0.00	0.00	0.00	74
74MAY	133.70	155.60	153.60	161.60	152.20	153.60	153.00	127.10	110.40	146.20	200.30	175.30	123.10	109.60	0.00	0.00	0.00	0.00	74
74JUN	135.60	165.40	159.60	159.30	162.40	153.60	153.00	132.50	123.20	150.40	213.70	175.30	124.30	111.30	0.00	0.00	0.00	0.00	74
74JUL	[illegible]	182.30	[illegible]	163.80	167.30	175.00	[illegible]	144.30	132.20	152.20	158.70	175.30	137.50	112.10	0.00	0.00	0.00	0.00	75
74AUG	145.40	186.50	173.10	179.70	168.10	175.00	219.70	151.90	140.40	163.80	188.90	191.30	137.50	113.90	0.00	0.00	0.00	0.00	75
74SEP	145.60	186.50	174.90	182.50	163.10	175.00	208.60	151.90	140.40	163.80	184.90	191.30	139.00	115.30	0.00	0.00	0.00	0.00	75
74OCT	147.50	188.50	174.90	182.50	182.90	175.00	208.60	151.90	142.20	163.80	181.60	191.30	151.70	114.30	0.00	0.00	0.00	0.00	75
74NOV	146.50	188.50	175.60	182.50	182.90	175.00	208.60	151.30	144.10	162.80	172.70	191.30	151.70	116.90	0.00	0.00	0.00	0.00	75
74DEC	143.40	196.00	178.90	182.50	182.90	175.00	208.60	151.00	144.10	162.30	163.50	191.30	151.70	117.00	0.00	0.00	0.00	0.00	75
75JAN	149.60	189.10	178.90	182.50	182.90	175.00	228.10	151.00	144.10	162.10	159.10	219.60	163.40	117.30	0.00	0.00	0.00	0.00	75
75FEB	[illegible]	189.10	169.60	[illegible]	182.90	175.00	228.10	151.00	144.10	162.10	[illegible]	219.60	163.40	117.00	0.00	0.00	0.00	0.00	75
75MAR	149.70	189.10	169.50	[illegible]	182.90	175.00	228.10	151.00	144.10	165.20	[illegible]	219.60	162.20	116.60	0.00	0.00	0.00	0.00	75
75APR	149.40	189.10	169.30	196.40	185.90	175.00	228.10	151.00	144.10	165.20	152.90	219.60	164.00	116.30	0.00	0.00	0.00	0.00	75
75MAY	148.90	185.00	169.30	196.40	195.40	168.30	228.10	151.00	144.10	165.00	149.90	219.60	170.80	115.60	0.00	0.00	0.00	0.00	75
75JUN	149.60	185.00	182.50	196.40	195.40	135.70	228.10	151.00	144.10	165.50	147.90	219.60	170.80	115.70	0.00	0.00	0.00	0.00	75
75JUL	150.10	184.00	182.50	201.10	195.40	135.70	228.10	151.00	144.10	165.50	143.80	219.60	171.80	115.60	0.00	0.00	0.00	0.00	76
75AUG	[illegible]	184.00	182.90	201.10	195.40	135.70	228.10	157.20	147.20	171.00	145.00	219.60	171.80	115.10	0.00	0.00	0.00	0.00	76
75SEP	151.80	184.60	182.90	201.10	191.40	142.90	228.1	157.20	147.20	171.00	147.10	219.60	171.80	114.50	0.00	0.10	0.00	0.00	76
75OCT	151.50	197.00	182.90	201.1	193.40	142.90	228.15	153.40	147.20	170.70	150.20	219.60	171.60	113.90	0.00	0.00	0.00	0.00	76
75NOV	151.50	197.00	156.90	201.10	196.80	142.30	228.10	153.40	147.20	170.70	151.30	219.60	171.80	114.30	0.00	0.60	0.00	0.00	76
75DEC	151.90	197.00	156.70	201.10	193.40	142.30	228.10	153.40	147.20	170.30	150.30	219.60	171.80	114.30	0.00	0.00	0.30	0.00	76

MONTHLY DATA

	MATERIALS														LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	6?7?	133262	133264	135XX	13 151	32 111	32 1?1	2501?1	25 113	250117	2502XX	250463	2503XX	117XXX	ELECT	ACFT	ENG	OTHER	
YY/MM	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/ZNC	MONEL	TI.MIL	ELECT	367X	3721	3724	3725	FY
76JAN	152.30	197.00	162.30	214.80	190.40	135.70	242.00	157.20	147.20	169.80	149.20	241.50	171.80	114.50	0.00	0.00	0.00	0.00	76
76FEB	154.10	197.00	162.60	214.80	190.40	135.70	242.00	156.00	147.20	169.80	150.10	241.50	171.80	114.90	0.00	0.00	0.00	0.00	76
76MAR	155.50	197.00	164.20	214.80	210.60	135.70	242.00	163.50	147.20	169.80	152.10	241.50	171.80	115.00	0.00	0.10	0.00	0.00	76
76APR	156.70	197.00	164.20	214.80	213.20	156.00	242.00	163.50	147.20	169.80	163.20	241.50	171.80	115.20	0.00	0.00	0.00	0.00	76
76MAY	157.10	197.00	164.20	214.80	210.20	162.50	242.00	169.30	154.60	175.30	166.70	241.50	171.80	115.30	0.00	0.00	0.00	0.00	76
76JUN	157.10	209.10	164.20	214.80	215.20	164.30	242.60	175.90	154.60	180.40	166.70	241.50	171.80	115.80	0.00	0.00	0.00	0.00	76
76JUL	158.30	209.10	164.20	214.60	219.50	176.60	255.90	175.90	154.60	180.70	166.80	241.50	171.80	116.00	0.00	0.00	0.00	0.00	7T
76AUG	161.10	209.10	174.40	218.40	220.60	176.80	255.90	178.80	154.60	188.60	171.40	241.50	171.80	115.90	0.00	0.00	0.00	0.00	7T
76SEP	163.30	209.10	176.30	218.40	220.60	176.80	255.90	190.30	158.80	197.50	172.40	241.50	171.80	116.20	0.00	0.00	0.00	0.00	7T
76OCT	164.60	209.10	176.30	218.40	220.60	183.90	255.90	190.30	158.80	197.50	174.70	241.50	171.80	116.80	0.00	0.00	0.00	0.00	77
76NOV	164.80	209.10	176.30	218.40	228.60	183.90	255.90	190.30	158.80	197.50	169.90	241.50	171.80	116.90	0.00	0.00	0.00	0.00	77
76DEC	164.70	220.90	176.30	218.40	229.70	183.90	255.90	190.30	158.80	197.50	161.60	241.50	171.80	117.30	0.00	0.00	0.00	0.00	77
77JAN	164.60	222.20	185.00	218.40	231.80	189.30	255.90	90.30	158.80	197.50	159.00	241.50	171.80	118.20	0.00	0.00	0.00	0.00	77
77FEB	164.20	222.60	186.60	220.40	231.80	207.10	267.00	190.30	158.80	197.50	160.40	241.50	171.80	118.40	0.00	0.00	0.00	0.00	77
77MAR	164.60	222.60	186.60	233.40	231.80	221.40	267.00	190.30	158.80	197.50	157.40	262.60	171.80	118.30	0.00	0.00	0.00	0.00	77
77APR	165.70	222.60	186.60	233.40	231.80	221.40	267.00	196.00	161.50	208.70	175.30	262.60	171.80	118.90	0.00	0.00	0.00	0.00	77
77MAY	166.30	222.60	200.10	235.70	231.80	221.40	267.00	199.60	158.60	206.70	173.30	262.60	169.80	118.80	0.00	0.00	0.00	0.00	77
77JUN	167.50	222.60	203.40	235.70	231.80	221.40	267.00	199.80	158.80	209.30	172.90	262.60	169.80	118.90	0.00	0.00	0.00	0.00	77
77JUL	167.40	237.40	205.60	235.70	234.20	221.40	275.40	203.70	167.60	218.30	175.10	262.60	169.80	118.70	0.00	0.00	0.00	0.00	77
77AUG	169.30	237.40	205.60	239.40	234.20	221.40	275.40	204.60	167.60	223.20	179.20	262.60	170.00	118.80	0.00	0.00	0.00	0.00	77
77SEP	169.30	237.40	202.70	239.40	240.10	221.40	275.40	204.60	167.60	220.20	165.10	262.60	166.80	120.50	0.00	0.00	0.00	0.00	77
77OCT	173.20	237.40	202.70	241.20	240.10	221.40	275.40	206.00	167.60	220.20	159.60	262.60	169.10	121.10	0.00	0.00	0.00	0.00	78
77NOV	174.20	237.40	200.30	241.20	245.40	228.60	275.40	211.80	167.60	221.20	160.60	262.60	168.70	121.70	0.00	0.00	0.00	0.00	78
77DEC	173.00	237.40	200.30	241.20	245.90	235.70	275.40	211.80	167.60	220.20	161.20	262.60	168.70	121.50	0.00	0.00	0.00	0.00	78
78JAN	176.20	237.40	194.00	241.90	245.90	235.70	275.40	211.80	167.60	223.80	164.80	262.60	168.70	124.40	0.00	0.00	0.00	0.00	78
78FEB	176.20	250.60	194.00	241.90	245.90	235.70	275.40	17.00	167.60	225.20	166.60	262.60	169.30	124.70	0.00	0.00	0.00	0.00	78
78MAR	171.40	250.60	192.90	241.90	257.70	235.70	275.40	228.50	171.40	229.30	167.00	262.60	170.10	125.90	0.00	0.00	0.00	0.00	78
78APR	172.80	254.10	190.50	260.00	257.70	235.70	275.40	228.50	173.10	230.60	168.30	262.60	170.10	125.30	0.00	0.00	0.00	0.00	78
78MAY	173.80	254.50	192.70	260.00	263.70	228.60	280.90	228.50	173.10	230.60	169.10	262.60	172.20	126.00	0.00	0.00	0.00	0.00	78
78JUN	174.50	254.50	196.70	260.00	263.90	221.40	280.90	220.50	173.10	232.00	171.30	262.60	174.20	126.80	0.00	0.50	0.00	0.00	78
78JUL	174.90	254.50	212.60	260.00	263.90	221.40	280.90	235.20	173.10	232.10	159.70	262.60	174.20	127.10	0.00	0.00	0.00	0.00	78
78AUG	175.70	262.90	204.50	260.60	273.00	235.90	280.90	245.20	176.90	232.00	172.50	262.60	175.70	127.00	0.00	0.00	0.00	0.40	78
78SEP	176.70	262.20	203.30	263.90	275.00	235.70	280.50	245.20	179.50	232.10	173.60	262.60	175.60	127.20	0.00	0.00	0.00	0.00	78
78OCT	179.10	262.90	200.60	264.00	275.60	264.30	280.90	245.20	177.30	232.10	177.10	262.60	175.70	128.50	0.00	0.00	0.00	0.00	79
78NOV	179.40	262.90	206.90	265.00	275.60	271.40	280.90	245.20	177.30	236.10	176.20	262.60	176.00	130.00	0.00	0.00	0.00	0.00	79
78DEC	179.70	262.90	200.90	266.20	275.60	271.40	280.90	248.20	179.70	237.60	180.90	272.00	175.20	130.00	0.00	0.00	0.00	0.00	79
79JAN	181.60	275.70	206.30	268.90	283.10	285.70	280.90	245.20	185.60	240.40	187.90	272.00	176.40	130.40	0.00	0.00	0.00	0.00	79
79FEB	183.20	275.70	209.90	275.00	286.60	314.30	293.50	245.20	185.60	241.40	202.30	272.00	177.00	131.20	0.00	0.00	0.00	0.00	79
79MAR	185.90	275.70	209.90	285.00	287.90	328.60	293.50	245.20	185.60	242.40	215.60	277.80	180.30	131.70	0.00	0.00	0.00	0.00	79
79APR	186.40	275.70	212.70	284.10	287.90	342.80	293.50	245.20	187.30	250.20	222.10	269.50	204.30	132.70	0.00	0.00	0.00	0.00	79
79MAY	191.60	275.70	216.50	289.70	297.30	342.00	293.50	245.20	192.10	251.60	210.20	317.70	209.80	133.10	0.00	0.00	0.00	0.00	79
79JUN	194.10	275.70	216.10	289.70	297.30	403.60	293.50	245.20	192.10	251.60	210.50	328.50	210.80	134.50	0.00	0.00	0.00	0.00	79
79JUL	195.50	287.40	221.90	291.20	297.30	428.00	293.50	245.20	192.10	257.40	214.20	336.70	216.70	136.50	0.00	0.00	0.00	0.00	79
79AUG	198.60	289.10	224.60	292.40	298.60	414.30	293.50	245.20	192.10	260.60	214.40	336.70	217.60	137.10	0.00	0.00	0.00	0.00	79
79SEP	200.70	289.60	225.30	293.60	302.70	414.30	293.50	245.20	192.10	258.00	215.60	335.70	217.60	139.40	1.00	0.00	0.00	0.00	79
79OCT	203.60	289.10	226.40	294.40	316.60	439.30	305.20	245.20	195.30	265.10	230.20	336.70	222.60	139.90	0.00	0.00	0.00	0.00	80
79NOV	204.90	289.10	226.40	311.40	323.70	414.30	363.20	245.20	200.20	267.30	226.30	363.70	250.20	140.80	0.00	0.00	0.00	0.00	80
79DEC	205.90	289.10	226.40	311.40	324.80	413.70	353.20	245.20	200.50	271.90	229.50	363.70	253.30	142.10	1.00	0.00	0.00	0.00	80
80JAN	207.80	289.60	226.40	313.50	334.70	357.10	353.20	245.20	200.20	273.50	234.90	363.70	262.10	146.20	1.00	0.00	0.00	0.00	80
80FEB	210.70	289.10	226.40	314.50	341.30	364.30	353.20	245.20	210.30	277.50	257.40	456.60	262.10	149.90	0.00	0.00	0.00	0.00	80
80MAR	212.70	289.10	226.40	[illegible]	340.90	357.10	353.20	245.20	296.30	276.90	213.80	456.90	265.70	151.20	0.00	0.00	0.00	0.00	80

M O N T H L Y   D A T A

	MATERIALS														LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	937X	170711	130264	133141	151351	221127	224151	253101	253141	253117	253?XX	253465	253?XX	117?XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRAS	MONEL	TI.MIL	ELECT	367X	3721	3724	3729	FY
80APR	214.10	304.50	232.20	316.50	348.70	321.40	322.70	247.70	265.40	290.20	230.90	379.70	284.60	153.40	1.00	0.20	0.00	0.00	80
80MAY	215.40	304.50	232.20	318.30	345.70	289.30	322.70	249.30	[illegible]	290.90	227.7	379.70	284.60	155.30	0.00	0.10	0.00	0.00	80
80JUN	217.30	304.50	230.60	320.10	349.50	282.10	322.70	249.30	[illegible]	290.90	224.90	379.70	285.00	157.00	0.00	0.30	0.00	0.00	80
80JUL	219.80	289.90	230.80	335.80	349.50	242.90	322.70	247.70	260.60	289.90	224.60	379.70	288.80	158.10	0.00	0.30	0.00	0.00	80
80AUG	221.50	289.00	230.60	337.20	349.10	285.70	322.7	247.70	296.60	289.90	230.11	379.70	291.70	160.10	1.00	0.30	0.00	0.00	80
80SEP	222.00	289.80	230.60	330.60	350.60	300.00	322.70	247.70	206.60	289.90	224.30	379.70	293.00	161.60	0.00	0.30	0.00	0.00	80
80OCT	222.80	304.50	222.40	349.00	352.00	321.40	347.70	254.90	239.60	297.80	227.90	379.70	294.50	160.60	0.00	0.30	0.00	0.00	81
80NOV	223.40	304.60	222.40	341.60	357.90	314.30	347.70	257.20	209.60	306.00	228.41	377.50	294.30	161.90	0.00	0.10	0.00	0.00	81
80DEC	223.30	304.60	221.60	343.90	359.00	292.80	347.70	257.20	209.60	306.00	228.40	364.40	294.90	162.00	0.00	0.30	0.03	0.00	81
81JAN	224.60	321.10	223.50	344.60	370.40	242.90	347.70	265.80	219.30	306.00	226.71	377.50	322.30	163.70	0.00	0.00	0.00	0.00	81
81FEB	226.40	321.10	223.80	345.80	371.20	214.30	347.70	268.70	224.50	306.00	224.80	377.50	322.90	164.20	0.00	0.00	0.00	0.00	81
81MAR	228.40	323.30	223.80	347.20	371.60	257.10	347.70	271.60	224.50	306.00	225.00	377.50	355.90	166.50	0.00	0.00	0.00	0.00	81
81APR	230.60	323.90	228.50	346.20	372.80	271.40	347.70	271.60	224.50	309.80	224.40	377.50	363.50	165.70	0.00	0.00	0.00	0.60	81
81MAY	231.80	323.70	228.50	349.30	375.50	264.30	347.70	274.30	224.50	309.80	222.20	377.50	363.50	165.80	0.00	0.00	0.00	0.00	81
81JUN	233.40	323.30	232.60	368.80	375.50	271.40	372.70	232.50	224.50	309.80	220.90	377.50	366.60	167.40	0.00	0.00	0.00	0.00	81
81JUL	232.10	343.50	232.00	366.10	373.70	296.40	372.70	285.90	224.50	309.90	220.20	377.50	374.80	170.20	0.00	0.30	0.00	0.00	81
81AUG	234.10	343.50	234.00	370.60	380.80	321.40	372.70	285.90	224.50	309.80	223.20	377.50	374.80	170.50	0.00	0.60	0.00	0.00	81
81SEP	235.70	343.50	235.90	371.60	383.20	307.10	372.70	285.90	224.50	309.80	222.40	377.50	374.90	170.80	0.00	0.00	0.00	0.00	81
81OCT	237.30	343.50	235.90	363.60	385.60	292.50	372.70	289.10	224.50	309.80	221.70	377.50	377.90	170.60	0.00	0.00	0.00	0.00	82
81NOV	236.00	343.50	235.90	375.60	389.90	250.00	372.70	292.30	224.50	309.80	219.00	373.80	377.90	170.70	0.00	0.00	0.00	0.00	82
81DEC	236.30	343.50	237.60	385.00	393.20	221.40	372.70	305.70	224.50	309.30	217.50	373.80	377.90	171.40	0.00	0.00	0.00	0.30	82
82JAN	237.30	343.90	237.60	388.70	401.10	221.40	372.70	305.10	224.50	309.30	215.80	373.80	381.00	174.50	0.00	0.00	0.00	0.00	82
82FEB	239.30	343.90	237.60	396.90	401.10	214.30	372.70	305.10	224.50	309.30	215.20	377.50	381.00	175.10	0.00	0.30	0.00	0.00	82
82MAR	240.60	343.90	236.20	399.70	401.10	196.40	372.70	305.10	224.50	308.70	210.10	377.50	380.80	175.50	0.00	0.60	0.00	0.00	82
82APR	241.10	343.90	245.30	405.50	400.50	192.90	372.70	305.10	224.50	306.70	207.90	377.50	375.50	175.60	0.00	0.30	0.00	0.00	82
82MAY	242.10	343.60	247.10	413.40	400.50	185.30	372.70	285.40	224.50	308.70	203.00	377.50	375.50	175.70	0.00	0.30	0.00	0.00	82
82JUN	242.50	343.60	247.30	415.40	400.50	185.70	372.70	285.40	224.50	308.10	201.50	377.50	375.50	175.60	0.00	0.30	0.01	0.00	82
82JUL	243.10	342.90	244.10	415.60	399.60	192.30	372.70	285.40	224.50	308.10	201.20	377.50	370.20	175.90	0.00	0.00	0.00	0.00	82
82AUG	243.60	342.90	244.10	415.60	399.60	189.30	372.70	285.40	224.50	308.10	201.40	377.50	370.20	175.90	0.00	0.00	0.00	0.00	82
82SEP	243.30	342.90	246.60	415.60	399.60	196.40	372.70	285.40	224.50	306.80	202.10	377.50	370.20	176.40	0.00	0.00	0.00	0.00	82

APPENDIX I

HISTORICAL INFLATION INDICES

RAW MATERIAL PORTION ONLY

HISTORICAL INFLATION
PRE-1958 INDICES

RAW MATERIAL PORTION ONLY

	AIRFRAME PRODUCTION		ENGINE PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS	
CY	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000
47	17.0	4.5259	36.2	4.8479	21.3	4.6483
48	19.2	4.0023	41.2	4.2601	24.1	4.1144
49	19.3	3.9838	41.5	4.2270	24.2	4.0301
50	20.6	3.7456	43.7	4.0141	25.7	3.8471
51	23.1	3.3349	48.7	3.6045	28.8	3.4362
52	22.9	3.3611	48.7	3.6014	28.6	3.4520
53	23.5	3.2833	50.3	3.4896	29.4	3.3617
54	23.6	3.2559	50.7	3.4623	29.7	3.3543
55	25.4	3.0348	54.1	3.2422	31.8	3.1133
56	27.4	2.8092	56.8	2.9850	34.3	2.8769
57	27.9	2.7589	60.0	2.9262	35.0	2.8225

HISTORICAL INFLATION
CALENDAR YEAR INDICES

RAW MATERIAL PORTION ONLY

CY	AIRFRAME PRODUCTION INDEX CY67=100.0	AIRFRAME PRODUCTION FACTOR FY82=1.0000	ENGINE PRODUCTION INDEX CY67=100.0	ENGINE PRODUCTION FACTOR FY82=1.0000	AVIONICS PRODUCTION INDEX CY67=100.0	AVIONICS PRODUCTION FACTOR FY82=1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82=1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82=[illegible]
58	27.7	2.7762	59.6	2.9456	31.5	1.7497	34.8	2.8406	34.6	2.7407
59	25.8	2.9829	56.3	3.1177	31.3	1.7528	32.6	3.0345	32.5	2.9107
60	26.2	2.9393	57.9	3.0292	30.9	1.7760	33.2	2.9741	33.0	2.8619
61	25.4	3.0315	57.0	3.0791	30.9	1.7769	32.4	3.0501	32.3	2.9279
62	24.5	3.1365	55.8	3.1435	30.5	1.8035	31.5	3.1392	31.4	3.0996
63	23.7	3.2549	53.2	3.2964	30.1	1.8224	30.2	3.2711	30.2	3.1265
64	23.5	3.2698	49.8	3.5252	30.0	1.8339	29.4	3.3660	29.4	3.2160
65	23.6	3.2624	49.0	3.5788	30.0	1.8339	29.3	3.3803	29.3	3.2223
66	23.0	3.2309	49.8	3.5255	30.8	1.7851	29.6	3.3419	29.7	3.1793
67	24.1	3.1934	52.8	3.3227	31.5	1.7441	30.5	3.2432	30.6	3.0888
68	24.5	3.1419	54.3	3.2295	31.2	1.7591	31.1	3.1759	31.1	3.0336
69	25.5	3.0184	57.8	3.0353	31.7	1.7519	32.7	3.0259	32.6	2.8992
70	26.2	2.9345	65.3	2.6874	31.8	1.7267	34.9	2.8318	34.6	2.7302
71	26.2	2.9413	67.7	2.5729	32.3	1.7031	35.4	2.7927	35.1	2.6925
72	26.5	2.8935	65.9	2.6623	32.6	1.6867	35.5	2.7941	[illegible]	2.6959
73	27.3	2.8226	66.2	2.6514	32.9	1.6705	35.9	2.7525	35.6	2.6526
74	34.2	2.2539	82.9	2.1175	35.1	1.5655	47.0	2.1381	44.9	2.1476
75	39.1	1.9678	95.7	1.8326	36.4	1.5100	51.7	1.9123	50.2	1.8831
76	42.2	1.8225	110.8	1.7407	36.5	1.5069	55.3	1.7593	53.6	1.7700
77	45.5	1.6883	111.5	1.5733	37.6	1.4594	59.2	1.6413	[illegible]	1.6295
78	49.2	1.5637	113.2	1.5495	40.0	1.3743	63.5	1.5581	61.1	1.5460
79	55.6	1.3855	130.2	1.3479	42.8	1.2842	[illegible]	1.3704	69.2	1.3651
80	64.7	1.1907	170.9	1.0265	49.2	1.1158	86.3	1.1209	84.4	1.1198
81	74.9	1.0277	173.0	1.0144	53.0	1.0375	96.7	1.0224	92.3	1.0233

HISTORICAL INFLATION
MONTHLY INDICES

RAW MATERIAL PORTION ONLY

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	CY	FY	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000
JUL	67	68	24.0	3.2055	52.4	3.3480	31.4	1.7375	30.5	3.2602	30.4	3.1049
AUG	67	68	24.1	3.2001	52.4	3.3477	31.4	1.7422	30.4	3.2567	30.5	3.1013
SEP	67	68	24.1	3.1928	52.4	3.3471	31.5	1.7528	30.4	3.2519	30.6	3.0979
OCT	67	68	24.2	3.1822	53.7	3.2692	31.5	1.7541	30.7	3.2158	30.8	3.0672
NOV	67	68	24.3	3.1717	54.1	3.2426	[illegible]	1.7598	[illegible]	3.1991	[illegible]	3.0538
DEC	67	68	24.3	3.1666	54.1	3.2423	31.5	1.7457	30.9	3.1969	31.0	3.0487
JAN	68	68	24.5	3.1476	54.1	3.2411	31.4	1.7492	31.1	3.1738	31.1	3.0383
FEB	68	68	24.6	3.1364	54.5	3.2226	31.3	1.7545	31.2	3.1696	31.2	3.0276
MAR	68	68	24.6	3.1340	54.5	3.2225	31.2	1.7538	31.2	3.1683	31.2	3.1274
APR	68	68	24.5	3.1366	54.4	3.2260	31.3	1.7545	31.2	3.1713	31.2	3.0291
MAY	68	68	24.3	3.1674	54.4	3.2282	31.3	1.7528	31.0	3.1911	31.1	3.0456
JUN	68	68	24.5	3.1416	54.4	3.2269	31.2	1.7598	31.1	3.1747	31.2	3.0329
JUL	68	69	24.6	3.1236	54.4	3.2261	31.2	1.7616	31.1	3.1632	31.3	3.0234
AUG	68	69	24.7	3.1234	54.6	3.2121	31.2	1.7616	31.3	3.1578	31.5	3.0167
SEP	68	69	24.4	3.1494	54.4	3.2264	31.2	1.7616	31.1	3.1793	31.1	3.0372
OCT	68	69	24.5	3.1481	54.4	3.2263	31.2	1.7616	31.1	3.1785	31.1	3.0365
NOV	68	69	24.5	3.1443	54.1	3.2422	31.2	1.7598	31.1	3.1820	31.1	3.0392
DEC	68	69	24.5	3.1405	54.1	3.2416	31.2	1.7596	31.1	3.1796	31.1	3.0371
JAN	69	69	24.6	3.1236	55.7	3.1513	31.2	1.7634	31.5	3.1545	31.5	2.9789
FEB	69	69	25.1	3.0627	55.7	3.1476	31.4	1.7495	[illegible]	3.0957	31.9	2.9616
MAR	69	69	25.2	3.0436	55.8	3.1471	31.6	1.7371	[illegible]	3.0873	32.0	2.9538
APR	69	69	25.4	3.0301	56.0	3.1341	31.7	1.7336	32.2	3.0703	32.2	2.9385
MAY	69	69	25.5	3.0151	56.1	3.1302	31.7	1.7336	[illegible]	3.0501	32.2	2.9298
JUN	69	69	25.6	3.0134	57.2	3.0592	31.7	1.7336	32.6	3.0351	32.5	2.9082
JUL	69	70	25.6	3.0060	57.2	3.0685	31.7	1.7353	32.6	3.0303	32.5	2.9043
AUG	69	70	25.8	2.9892	57.2	3.0575	31.7	1.7336	32.7	3.0196	32.6	2.8947
SEP	69	70	25.6	3.0105	56.9	3.0831	31.9	1.7233	32.5	3.0387	32.5	2.9096
OCT	69	70	25.7	2.9982	61.2	2.8581	31.9	1.7199	33.5	2.9455	33.4	2.8283
NOV	69	70	25.8	2.9837	61.0	2.8768	32.0	1.7146	33.6	2.9406	33.5	2.8233
DEC	69	70	26.1	2.9519	63.6	2.7522	31.9	1.7193	34.5	2.8598	34.2	2.7624
JAN	70	70	26.2	2.9435	65.1	2.6348	31.9	1.7199	34.8	2.8431	34.5	2.7565
FEB	70	70	26.2	2.9437	65.1	2.6949	31.6	1.7405	34.8	2.8403	34.5	2.7396
MAR	70	70	26.1	2.9493	65.1	2.6951	31.6	1.7415	[illegible]	2.8435	34.5	2.7425
APR	70	70	26.2	2.9383	65.1	[illegible]	31.7	1.7356	[illegible]	[illegible]	[illegible]	[illegible]
MAY	70	71	[illegible]	2.9244	65.1	[illegible]	31.4	1.7475	[illegible]	[illegible]	34.6	[illegible]
JUN	70	70	26.3	2.9222	65.2	[illegible]	31.9	[illegible]	[illegible]	[illegible]	34.7	2.7259
JUL	70	71	[illegible]	2.9241	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AUG	70	71	[illegible]	2.9241	65.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SEP	70	71	26.2	[illegible]	65.4	2.6017	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.7271
OCT	70	71	26.2	[illegible]	65.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.5	2.7275
NOV	70	71	26.2	2.9349	[illegible]	[illegible]	32.1	[illegible]	[illegible]	[illegible]	34.7	2.7133
DEC	70	71	26.2	[illegible]	[illegible]	2.6360	31.1	[illegible]	[illegible]	[illegible]	34.7	2.7235

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			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	CY	FY	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000	INDEX CY67= 100.0	FACTOR FY82= 1.0000
JAN	71	71	26.1	2.9503	65.9	2.6642	32.4	1.6965	34.9	2.8304	34.7	2.7245
FEB	71	71	26.0	2.9627	65.9	2.6639	32.5	1.6883	34.9	2.8372	34.6	2.7292
MAR	71	71	26.1	2.9493	66.6	2.6356	32.7	1.6818	35.1	2.8171	34.9	2.7197
APR	71	71	26.4	2.9193	66.8	2.6287	32.5	1.6916	35.3	2.7974	35.1	2.6349
MAY	71	71	26.4	2.9137	66.8	2.6279	32.4	1.6982	35.4	2.7939	35.1	2.6328
JUN	71	71	26.4	2.9191	66.7	2.5543	32.4	1.6932	35.8	2.7635	35.4	2.6655
JUL	71	72	26.4	2.9149	68.7	2.5542	32.5	1.6916	35.8	2.7611	35.3	2.6632
AUG	71	72	26.4	2.9146	68.7	2.5542	32.5	1.6899	35.8	2.7633	35.3	2.6628
SEP	71	72	26.4	2.9179	68.6	2.5566	32.4	1.6965	35.8	2.7638	35.4	2.6663
OCT	71	72	26.4	2.9183	68.6	2.5566	32.4	1.6965	35.8	2.7641	35.4	2.6663
NOV	71	72	26.3	2.9221	68.6	2.5567	32.3	1.6998	35.7	2.7662	35.4	2.6688
DEC	71	72	26.3	2.9246	68.4	2.5667	32.3	1.7015	35.7	2.7722	35.3	2.6745
JAN	72	72	26.2	2.9344	68.4	2.5642	32.3	1.7031	35.6	2.7763	35.3	2.6782
FEB	72	72	26.5	2.9054	68.7	2.5547	32.6	1.6867	35.9	2.7568	35.5	2.6587
MAR	72	72	26.5	2.9009	69.0	2.5438	32.6	1.6867	36.0	2.7487	35.6	2.6516
APR	72	72	26.6	2.8945	69.0	2.5435	32.5	1.6839	36.0	2.7451	35.7	2.6489
MAY	72	72	26.7	2.8861	69.0	2.5422	32.8	1.6769	36.1	2.7399	35.8	2.6425
JUN	72	72	26.7	2.8885	64.4	2.7258	32.7	1.6785	35.0	2.8221	34.9	2.7145
JUL	72	73	26.6	2.8903	64.4	2.7258	32.8	1.6763	35.0	2.8235	34.8	2.7155
AUG	72	73	26.7	2.8863	63.6	2.7584	32.7	1.6818	34.9	2.8357	34.6	2.7269
SEP	72	73	26.7	2.8854	63.6	2.7582	32.5	1.6883	34.9	2.8338	34.7	2.7263
OCT	72	73	26.6	2.8942	63.6	2.7586	32.5	1.6839	34.8	2.8392	34.6	2.7312
NOV	72	73	26.6	2.8926	63.6	2.7585	32.5	1.6899	34.8	2.8382	34.6	2.7304
DEC	72	73	26.6	2.8923	63.6	2.7583	32.5	1.6883	34.8	2.8379	34.6	2.7293
JAN	73	73	26.6	2.8894	63.7	2.7556	32.6	1.6834	34.9	2.8351	34.7	2.7266
FEB	73	73	26.7	2.8861	63.7	2.7554	32.6	1.6834	34.9	2.8331	34.7	2.7243
MAR	73	73	26.9	2.8619	65.6	2.6495	32.7	1.6814	35.4	2.7956	35.1	2.6913
APR	73	73	27.0	2.8558	65.0	2.6991	32.8	1.6769	35.4	2.7319	35.2	2.6841
MAY	73	73	27.0	2.8466	66.5	2.6378	32.9	1.6765	35.8	2.7694	35.5	2.6595
JUN	73	73	27.2	2.8295	67.0	2.6206	32.9	1.6689	36.0	2.7433	35.7	2.6443
JUL	73	74	27.2	2.8314	67.0	2.6207	32.9	1.6673	36.0	2.7444	35.7	2.6451
AUG	73	74	27.2	2.8264	67.4	2.6184	32.9	1.6677	36.1	2.7405	35.8	2.6417
SEP	73	74	27.5	2.8015	67.2	2.6114	32.9	1.6675	36.3	2.7233	36.0	2.6265
OCT	73	74	27.7	2.7842	67.2	2.6106	33.0	1.6641	36.4	2.7151	36.1	2.6171
NOV	73	74	27.9	2.7553	67.6	2.6046	33.0	1.6625	36.7	2.6938	36.3	2.6101
DEC	73	74	28.4	2.7141	67.6	2.5950	33.3	1.6503	37.1	2.6563	36.7	2.5741
JAN	74	74	29.3	2.6257	[illegible]	[illegible]	[illegible]	1.6422	38.1	2.5476	37.6	2.5145
FEB	74	74	[illegible]	[illegible]	[illegible]	2.5413	[illegible]	[illegible]	[illegible]	[illegible]	37.9	2.4374
MAR	74	74	[illegible]	[illegible]	71.5	[illegible]	[illegible]	1.6262	[illegible]	2.4354	39.1	2.4211
APR	74	74	31.7	2.4259	73.1	[illegible]	34.1	[illegible]	[illegible]	2.4143	40.7	2.3467
MAY	74	74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.4	[illegible]	[illegible]	2.2902
JUN	74	74	[illegible]	[illegible]	[illegible]	[illegible]	35.1	[illegible]	44.4	[illegible]	[illegible]	[illegible]
JUL	74	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HISTORICAL INFLATION
MONTHLY INDICES

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	CY	FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY82= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY82= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82= 1.0000
AUG	74	75	36.9	2.0876	91.2	1.9240	35.9	1.5312	49.0	2.0199	47.5	1.9831
SEP	74	75	36.9	2.0850	91.5	1.9170	35.7	1.5393	49.9	2.0159	47.7	1.9802
OCT	74	75	37.3	2.0389	92.6	1.8947	36.9	1.5258	50.0	1.9795	48.6	1.9459
NOV	74	75	37.6	2.0463	92.8	1.8903	36.8	1.4932	49.9	1.9818	48.5	1.9448
DEC	74	75	37.5	2.0531	93.6	1.8743	36.9	1.4906	50.0	1.9786	48.7	1.9417
JAN	75	75	38.5	1.5987	98.8	1.7757	36.9	1.4868	51.9	1.9044	50.4	1.8738
FEB	75	75	38.5	2.0091	96.4	1.8208	36.9	1.4906	51.4	1.9253	49.9	1.8932
MAR	75	75	38.5	1.9997	96.2	1.8241	36.7	1.4957	51.3	1.9266	49.3	1.8949
APR	75	75	38.7	1.9902	96.4	1.8202	36.6	1.4936	51.5	1.9195	50.0	1.9387
MAY	75	75	39.0	1.9733	96.9	1.8192	36.4	1.5087	51.9	1.9056	50.3	1.8769
JUN	75	75	39.0	1.9738	95.2	1.8436	36.4	1.5073	51.5	1.9203	51.0	1.8902
JUL	75	76	39.1	1.9714	95.3	1.8407	36.4	1.5087	51.6	1.9177	50.0	1.8879
AUG	75	76	39.7	1.9391	95.4	1.8391	36.3	1.5152	52.1	1.8984	50.5	1.8709
SEP	75	76	39.6	1.9369	95.4	1.8394	36.1	1.5231	52.1	1.8971	50.5	1.8704
OCT	75	76	39.6	1.9435	95.3	1.8419	35.9	1.5312	52.0	1.9021	50.4	1.8757
NOV	75	76	39.6	1.9423	93.8	1.8700	36.0	1.5258	51.7	1.9132	50.1	1.8865
DEC	75	76	39.6	1.9441	93.8	1.8710	36.0	1.5258	51.6	1.9146	50.1	1.8866
JAN	76	76	40.1	1.9139	98.7	1.7786	36.1	1.5231	53.1	1.8610	51.4	1.8373
FEB	76	76	40.3	1.9121	98.7	1.7785	36.2	1.5178	53.2	1.8570	51.5	1.8332
MAR	76	76	40.6	1.8959	99.2	1.7687	36.2	1.5165	53.6	1.8442	51.9	1.8213
APR	76	76	40.8	1.8870	99.2	1.7662	36.3	1.5139	53.8	1.8383	52.0	1.8157
MAY	76	76	41.5	1.8536	99.5	1.7665	36.3	1.5126	54.4	1.8183	52.6	1.7972
JUN	76	76	42.1	1.8267	99.4	1.7647	36.5	1.5060	54.9	1.8118	53.0	1.7914
JUL	76	77	42.3	1.8195	99.8	1.7546	36.5	1.5034	55.1	1.7950	53.2	1.7750
AUG	76	77	42.9	1.7934	102.5	1.7113	36.5	1.5047	56.2	1.7611	54.2	1.7429
SEP	76	77	44.1	1.7465	103.2	1.7036	36.6	1.5099	57.2	1.7281	55.2	1.7130
OCT	76	77	44.1	1.7442	103.2	1.7005	36.9	1.4932	57.3	1.7267	55.2	1.7111
NOV	76	77	44.1	1.7471	103.2	1.6999	36.8	1.4919	57.2	1.7282	55.2	1.7124
DEC	76	77	44.1	1.7514	103.2	1.7091	36.9	1.4864	57.1	1.7318	55.1	1.7145
JAN	77	77	43.9	1.7529	105.5	1.6632	37.2	1.4754	57.5	1.7164	55.6	1.7002
FEB	77	77	44.0	1.7466	106.2	1.6527	37.3	1.4730	57.8	1.7095	55.8	1.6937
MAR	77	77	44.4	1.7347	109.1	1.6088	37.3	1.4742	58.8	1.6828	56.6	1.6690
APR	77	77	45.4	1.6966	109.2	1.6176	37.5	1.4668	[illegible]	1.6691	57.4	1.6475
MAY	77	77	45.4	1.6941	112.6	1.5583	37.4	1.4680	[illegible]	1.6578	59.1	1.6269
JUN	77	77	45.5	1.6936	113.5	1.5464	[illegible]	1.4656	[illegible]	1.6323	59.5	1.6217
JUL	77	77	46.3	1.6626	114.5	1.5345	37.4	1.4673	61.4	1.6098	[illegible]	1.6003
AUG	77	77	46.4	1.6563	114.4	1.5342	37.4	1.4689	61.5	1.6070	59.1	1.5992
SEP	77	77	[illegible]	[illegible]	113.5	1.5455	[illegible]	1.4477	61.2	1.6157	58.9	1.6043
OCT	77	78	[illegible]	1.6631	113.6	1.5452	[illegible]	1.4431	[illegible]	1.6145	[illegible]	1.6032
NOV	77	78	[illegible]	1.6512	[illegible]	[illegible]	[illegible]	1.435	61.4	1.6211	59.1	1.5995
DEC	77	78	[illegible]	[illegible]	[illegible]	1.5531	[illegible]	[illegible]	61.4	1.6113	[illegible]	1.5936
JAN	78	78	46.9	[illegible]	111.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.6017
FEB	78	78	[illegible]	[illegible]	[illegible]	1.5740	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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	CY	FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY82= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY82= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82= 1.0000
MAR	78	78	48.2	1.5963	111.4	1.5751	39.6	1.3863	62.5	1.5877	60.0	1.5744
APR	78	78	48.5	1.5876	110.8	1.5839	39.5	1.3919	62.3	1.5861	60.1	1.5733
MAY	78	78	48.7	1.5810	111.7	1.5709	39.7	1.3841	62.7	1.5770	60.4	1.5644
JUN	78	78	48.9	1.5734	112.9	1.5539	39.9	1.3754	63.2	1.5657	60.8	1.5532
JUL	78	78	49.3	1.5620	114.4	1.5344	40.0	1.3721	63.8	1.5517	61.4	1.5393
AUG	78	78	50.1	1.5361	115.3	1.5222	40.0	1.3732	64.6	1.5306	62.1	1.5204
SEP	78	78	50.2	1.5344	115.0	1.5263	40.1	1.3711	64.6	1.5312	62.1	1.5208
OCT	78	79	50.3	1.5310	114.3	1.5349	40.5	1.3572	64.5	1.5329	62.1	1.5214
NOV	78	79	50.5	1.5242	114.4	1.5337	40.9	1.3415	64.7	1.5279	62.3	1.5157
DEC	78	79	50.9	1.5123	115.7	1.5170	40.9	1.3415	65.3	1.5148	62.8	1.5035
JAN	79	79	51.1	1.5053	117.2	1.4966	41.1	1.3374	65.8	1.5018	63.4	1.4912
FEB	79	79	51.6	1.4910	118.6	1.4796	41.3	1.3293	66.5	1.4865	64.0	1.4763
MAR	79	79	52.2	1.4738	119.7	1.4661	41.5	1.3242	67.2	1.4708	64.7	1.4613
APR	79	79	54.5	1.4129	124.6	1.4155	41.8	1.3142	69.9	1.4140	67.1	1.4077
MAY	79	79	55.1	1.3964	128.5	1.3659	41.9	1.3113	71.4	1.3842	68.5	1.3797
JUN	79	79	55.4	1.3895	131.2	1.3374	42.4	1.2967	72.3	1.3685	69.3	1.3641
JUL	79	79	56.2	1.3701	133.9	1.3106	43.0	1.2777	73.5	1.3463	70.4	1.3413
AUG	79	79	56.5	1.3628	134.7	1.3027	43.2	1.2721	73.9	1.3385	70.8	1.3344
SEP	79	79	56.5	1.3631	134.8	1.3015	43.9	1.2511	73.9	1.3381	70.9	1.3327
OCT	79	80	57.0	1.3500	152.1	1.1537	44.1	1.2456	78.2	1.2651	74.7	1.2640
NOV	79	80	60.1	1.2831	161.2	1.0885	44.4	1.2386	82.5	1.1986	78.7	1.2009
DEC	79	80	60.5	1.2728	161.4	1.0870	44.8	1.2273	82.9	1.1924	79.1	1.1944
JAN	80	80	61.4	1.2542	161.9	1.0838	46.1	1.1923	83.7	1.1810	80.6	1.1817
FEB	80	80	62.4	1.2340	168.0	0.9333	47.2	1.1634	91.3	1.0949	86.0	1.0984
MAR	80	80	62.7	1.2278	168.2	0.9322	47.5	1.1534	90.6	1.0915	86.3	1.0946
APR	80	80	64.5	1.1931	168.9	1.0386	48.3	1.1369	87.7	1.1270	83.3	1.1276
MAY	80	80	64.4	1.1954	168.9	1.0387	48.9	1.1230	87.6	1.1283	83.3	1.1260
JUN	80	80	64.5	1.1931	168.7	1.0399	49.5	1.1108	87.7	1.1280	83.3	1.1270
JUL	80	80	65.0	1.1830	168.9	1.0387	49.8	1.1031	88.1	1.1226	84.[illegible]	1.1215
AUG	80	80	65.4	1.1770	169.1	1.0377	50.4	1.0993	88.4	1.1192	84.6	1.1165
SEP	80	80	65.5	1.1760	169.2	1.0372	50.6	1.0859	88.[illegible]	1.1171	84.7	1.1152
OCT	80	81	66.5	1.1577	168.3	1.0426	50.5	1.0853	89.1	1.1094	85.3	1.1089
NOV	80	81	66.9	1.1508	167.7	1.0461	50.7	1.0832	89.3	1.1171	85.4	1.1057
DEC	80	81	66.9	1.1516	163.9	1.0703	51.[illegible]	1.07[illegible]	[illegible]	1.1161	84.7	1.1156
JAN	81	81	70.0	1.0967	169.5	1.0353	51.[illegible]	1.0554	92.1	1.0734	88.1	1.0729
FEB	81	81	70.3	1.0950	169.6	1.0347	51.7	1.0621	92.3	1.0709	88.3	1.0795
MAR	81	81	73.3	1.0513	171.2	1.0247	[illegible]	1.0474	95.1	[illegible]	90.8	1.0465
APR	81	81	74.4	1.0340	[illegible]	1.0176	[illegible]	[illegible]	[illegible]	1.0[illegible]77	91.3	1.0291
MAY	81	81	74.[illegible]	1.0351	172.[illegible]	1.0169	[illegible]	[illegible]	[illegible]	1.0[illegible]47	91.9	1.0291
JUN	81	81	75.4	[illegible]	173.7	1.0194	[illegible]	[illegible]	[illegible]	1.0165	92.[illegible]	1.0179
JUL	81	81	76.4	[illegible]	174.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.7	[illegible]
AUG	81	81	76.[illegible]	[illegible]	174.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SEP	81	81	76.[illegible]	[illegible]	174.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] INFLATION
[illegible] INDICES

RAW MATERIAL PORTION ONLY

			AIRFRAME PRODUCTION		[illegible] PRODUCTION		[illegible] PRODUCTION		[illegible] AIR VEHICLE [illegible] AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
			INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR [illegible]	INDEX CY67=	FACTOR FY82=	INDEX [illegible]	FACTOR [illegible]	INDEX CY67=	FACTOR FY82=
	CY	FY	100.0	1.0000	100.0	1.0000	100.0	1.0000	[illegible]	1.0[illegible]	100.0	1.000[illegible]
OCT	81	[illegible]	76.9	1.0011	[illegible]	1.[illegible]29	[illegible].7	1.022[illegible]	[illegible]	1.0018	94.2	1.00[illegible]
NOV	81	[illegible]	77.0	[illegible]993	[illegible]	1.[illegible]87	55.[illegible]	1.0217	[illegible]	1.0[illegible]	94.1	1.0041
DEC	81	[illegible]	77.7	[illegible].9912	174.[illegible]	1.0167	54.9	1.017[illegible]	[illegible]	0.9972	94.6	0.9984
JAN	82	[illegible]	77.9	0.[illegible]88[illegible]	[illegible]	1.0056	55.0	0.9994	[illegible].4	0.9[illegible]	94.7	0.9952
FEB	82	[illegible]	78.0	0.[illegible]8[illegible]	[illegible]	0.9996	55.[illegible]	0.9960	99.7	0.9[illegible]	95.[illegible]	0.9924
MAR	82	[illegible]	77.5	0.[illegible]	[illegible]	1.0010	55.3	0.9957	99.5	0.[illegible]	95.1	0.9934
APR	82	[illegible]	77.4	0.994[illegible]	[illegible]	0.9942	55.3	0.995[illegible]	[illegible].5	[illegible]	[illegible]	0.9942
MAY	82	[illegible]	76.6	1.00[illegible]	[illegible]	0.[illegible]1	55.[illegible]	0.[illegible]	[illegible]	1.0104	94.5	[illegible].995[illegible]
JUN	82	[illegible]	76.[illegible]	1.016[illegible]	[illegible]	0.9950	55.5	[illegible]	[illegible].7	1.0115	94.4	1.0[illegible]
JUL	82	[illegible]	76.[illegible]	1.013[illegible]	[illegible]	[illegible]	55.4	0.992[illegible]	[illegible]	1.0[illegible]	95.[illegible]	1.00[illegible]
AUG	82	82	76.0	1.01[illegible]	[illegible]	[illegible]	[illegible]	0.994[illegible]	[illegible]	1.0[illegible]	[illegible]	1.00[illegible]
SEP	82	[illegible]	76.[illegible]	1.0159	[illegible]	1.00[illegible]	55.[illegible]	0.99[illegible]	[illegible].1	1.0[illegible]	[illegible]	1.0071

HISTORICAL INFLATION
QUARTERLY INDICES

RAW MATERIAL PORTION ONLY

QTR	CY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY82= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY82= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82= 1.0000
3	67	24.1	3.1995	52.4	3.3476	31.4	1.7498	31.4	3.2563	30.5	3.1911
4	67	24.3	3.1733	54.6	3.2513	31.3	1.7534	30.9	3.2036	30.9	3.0566
1	68	24.5	3.1392	54.3	3.2287	31.3	1.7545	31.2	3.1739	31.2	3.0313
2	68	24.5	3.1465	54.4	3.2271	31.3	1.7557	31.1	3.1794	31.1	3.0353
3	68	24.5	3.1521	54.5	3.2215	31.2	1.7616	31.2	3.1669	31.2	3.0264
4	68	24.5	3.1442	54.2	3.2367	31.2	1.7694	31.1	3.1800	31.1	3.0376
1	69	25.0	3.0783	55.7	3.1488	31.4	1.7469	31.8	3.1057	31.8	2.9713
2	69	25.5	3.0198	56.4	3.1109	31.7	1.7336	32.4	3.0551	32.3	2.9254
3	69	25.6	3.0019	57.1	3.0730	31.7	1.7307	32.6	3.0295	32.5	2.9029
4	69	25.9	2.9778	62.0	2.8312	32.0	1.7182	33.9	2.9182	33.7	2.8043
1	70	26.1	2.9455	65.1	2.6949	31.7	1.7336	34.8	2.8413	34.5	2.7395
2	70	26.3	2.9283	65.1	2.6946	31.7	1.7347	34.9	2.8314	34.6	2.7311
3	70	26.3	2.9277	65.2	2.6894	31.9	1.7228	35.0	2.8289	34.6	2.7271
4	70	26.2	2.9376	65.7	2.6712	32.1	1.7137	35.0	2.8264	34.7	2.7236
1	71	26.1	2.9541	66.1	2.6545	32.5	1.6888	35.0	2.8282	34.7	2.7215
2	71	26.4	2.9174	67.4	2.6032	32.4	1.6943	35.5	2.7848	35.2	2.6844
3	71	26.4	2.9158	68.7	2.5550	32.5	1.6927	35.8	2.7623	35.3	2.6641
4	71	26.4	2.9217	68.5	2.5600	32.3	1.6993	35.7	2.7675	35.4	2.6699
1	72	26.4	2.9138	68.7	2.5542	32.5	1.6921	35.8	2.7605	35.5	2.6623
2	72	26.5	2.8897	67.5	2.6119	32.7	1.6818	35.7	2.7635	35.4	2.6683
3	72	26.7	2.8862	63.9	2.7474	32.7	1.6827	34.9	2.8310	34.7	2.7229
4	72	26.6	2.8930	63.6	2.7585	32.5	1.6894	34.8	2.8385	34.5	2.7395
1	73	26.7	2.8791	64.1	2.7366	32.6	1.6829	35.0	2.8212	34.8	2.7144
2	73	27.1	2.8439	66.2	2.6521	32.9	1.6721	35.8	2.7651	35.3	2.6633
3	73	27.3	2.8197	67.1	2.6168	32.9	1.6673	36.1	2.7361	35.8	2.6378
4	73	28.0	2.7509	67.4	2.6037	33.1	1.6588	36.7	2.6909	36.4	2.5971
1	74	29.6	2.5847	69.7	2.5183	33.6	1.6360	38.7	2.5581	38.1	2.4769
2	74	32.7	2.3558	78.9	2.2238	34.6	1.5893	42.9	2.3025	42.1	2.2449
3	74	36.4	2.1174	89.4	1.9617	35.6	1.5420	48.2	2.0508	47.0	2.0122
4	74	37.[illegible]	2.0461	93.[illegible]	1.8854	36.6	1.5030	49.9	1.9833	48.[illegible]	1.9441
1	75	38.5	1.9935	97.1	1.8166	36.8	1.4910	51.5	1.9187	50.1	1.8872
2	75	38.[illegible]	1.9790	96.2	1.[illegible]	[illegible]	1.50[illegible]	51.6	1.9151	50.1	1.8852
3	75	39.[illegible]	1.9490	95.4	1.[illegible]	[illegible]	1.515[illegible]	51.7	1.9045	51.4	1.8764
4	75	39.[illegible]	1.9433	94.[illegible]	1.86[illegible]	36.8	1.5276	51.8	1.9[illegible]39	50.[illegible]	1.8826
1	76	40.5	1.9053	98.6	1.7752	[illegible]	1.519[illegible]	[illegible]	1.8[illegible]	51.[illegible]	1.8326
2	76	41.[illegible]	1.8555	99.5	1.7[illegible]	[illegible]	1.[illegible]	[illegible]	1.8143	52.[illegible]	1.7751
3	76	43.1	1.78[illegible]	1[illegible]	1.7231	[illegible]	1.50[illegible]	[illegible]	1.7505	54.[illegible]	1.7433
4	76	44.1	1.7476	1[illegible]	1.7[illegible]	[illegible]	1.4[illegible]	[illegible]	1.7296	[illegible]	1.7127
1	77	44.1	1.74[illegible]4	1[illegible]	1.[illegible]412	37.[illegible]	1.474[illegible]	[illegible]	1.7028	[illegible]	1.6875
2	77	45.4	1.6941	111.[illegible]	1.[illegible]731	37.4	1.4[illegible]	[illegible]	1.[illegible]	57.[illegible]	1.6519
3	77	46.5	1.66[illegible]	114.1	1.[illegible]1	[illegible]	1.461[illegible]	[illegible]	1.6199	53.[illegible]	1.[illegible]
4	77	46.[illegible]	1.6550	11[illegible]	1.[illegible]	[illegible]	1.4[illegible]	[illegible]	1.[illegible]	[illegible]	1.5[illegible]18

HISTORICAL INFLATION
QUARTERLY INDICES

RAW MATERIAL PORTION ONLY

QTR	CY	AIRFRAME PRODUCTION INDEX 100.0	AIRFRAME PRODUCTION FACTOR 1.0000	ENGINE PRODUCTION INDEX 100.0	ENGINE PRODUCTION FACTOR 1.0000	AVIONICS PRODUCTION INDEX 100.0	AVIONICS PRODUCTION FACTOR 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR 1.0000
1	78	47.5	1.6220	111.4	1.5751	39.4	1.3956	61.7	1.6032	59.4	1.5894
2	78	48.7	1.5897	111.8	1.5695	39.7	1.3838	62.7	1.5762	60.4	1.5636
3	78	49.5	1.5441	114.9	1.5276	40.0	1.3721	64.3	1.5375	61.9	1.5268
4	78	50.6	1.5230	114.8	1.5284	40.8	1.3467	64.8	1.5251	62.4	1.5135
1	79	51.7	1.4899	118.5	1.4807	41.3	1.3303	66.5	1.4863	64.5	1.4762
2	79	55.0	1.3996	127.9	1.3722	42.0	1.3070	71.2	1.3886	68.3	1.3836
3	79	56.4	1.3653	134.5	1.3049	43.4	1.2668	73.7	1.3409	70.7	1.3363
4	79	59.2	1.3011	158.2	1.1089	44.4	1.2375	81.2	1.2178	77.5	1.2199
1	80	62.2	1.2386	179.4	0.9782	47.0	1.1697	88.2	1.1219	84.1	1.1235
2	80	64.5	1.1941	168.9	1.0391	48.9	1.1235	87.7	1.1278	83.9	1.1275
3	80	65.3	1.1796	169.1	1.0379	50.3	1.0927	88.3	1.1193	84.5	1.1177
4	80	66.8	1.1534	166.7	1.0529	50.8	1.0819	89.0	1.1115	85.1	1.1098
1	81	71.2	1.0815	170.1	1.0315	51.9	1.0583	93.2	1.0612	89.7	1.0610
2	81	74.8	1.0294	172.9	1.0148	52.4	1.0487	96.6	1.0236	92.2	1.0254
3	81	76.5	1.0070	174.5	1.0058	53.7	1.0229	98.2	1.0065	93.8	1.0075
4	81	77.2	0.9972	174.4	1.0061	53.8	1.0205	99.8	1.0007	94.3	1.0018
1	82	77.9	0.9880	175.1	1.0021	55.1	0.9964	99.5	0.9935	95.1	0.9937
2	82	76.8	1.0029	176.6	0.9934	55.3	0.9930	99.0	0.9986	94.6	0.9983
3	82	76.0	1.0151	175.7	0.9985	55.5	0.9907	98.2	1.0073	93.9	1.0063

HISTORICAL INFLATION
FISCAL YEAR INDICES

RAW MATERIAL PORTION ONLY

FY	AIRFRAME PRODUCTION INDEX CY67=100.0	AIRFRAME PRODUCTION FACTOR FY82=1.0000	ENGINE PRODUCTION INDEX CY67=100.0	ENGINE PRODUCTION FACTOR FY82=1.0000	AVIONICS PRODUCTION INDEX CY67=100.0	AVIONICS PRODUCTION FACTOR FY82=1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY82=1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY82=1.0000
68	24.3	3.1649	53.8	3.2629	31.3	1.7544	30.9	3.2329	31.9	3.0560
69	24.9	3.0928	55.2	3.1796	31.4	1.7506	31.6	3.1261	31.6	2.9895
70	26.3	2.9631	62.3	2.8153	31.9	1.7293	34.1	2.9039	33.3	2.7928
71	26.2	2.9341	66.1	2.6542	32.2	1.7048	35.1	2.8170	34.6	2.7140
72	26.5	2.9112	68.3	2.5674	32.5	1.6914	35.8	2.7645	35.4	2.6663
73	26.8	2.8759	64.4	2.7230	32.7	1.6816	35.1	2.8136	34.3	2.7076
74	29.4	2.6155	72.8	2.4799	33.6	1.6373	38.6	2.5503	38.1	2.4790
75	37.5	2.0332	93.9	1.8679	36.4	1.5101	50.3	1.9646	48.9	1.9308
76	40.2	1.9135	97.0	1.8096	36.2	1.5183	52.8	1.8712	51.2	1.8462
7T	43.1	1.7860	101.8	1.7231	36.6	1.5039	56.2	1.7606	54.2	1.7433
77	45.3	1.7117	109.0	1.6109	37.3	1.4733	59.2	1.6791	57.0	1.6572
78	48.1	1.5993	112.8	1.5554	39.3	1.3365	62.5	1.5817	61.2	1.5693
79	53.4	1.4416	123.9	1.4161	41.9	1.3120	69.1	1.4314	66.4	1.4239
80	62.8	1.2266	168.9	1.0390	47.6	1.1533	86.4	1.1450	82.5	1.1455
81	72.3	1.0649	171.0	1.0259	52.2	1.0525	94.2	1.0492	90.0	1.0494
82	77.0	1.0000	175.5	1.0000	54.9	1.0000	98.9	1.0000	94.5	1.0000

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